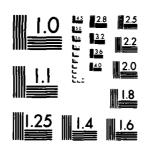
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 LAJES AB, AZORES, REVISED UNIFORM SUMMARY OF SUPFACE WEATHER OB--ETC(U) AD-A113 227 NOV 81 UNCLASSIFIED USAFETAC/DS-81/103 S81-AD-E850 143 NL

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Wayne E. MCCOLLOM, Chief

Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN

AWS Scientific and Technical Information Officer (STINFO)

" 3 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

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#### DAILY OBSERVATIONS

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PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC, DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB. & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

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A

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By mouth, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various puenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or crizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fcg, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

in the office of the following form

## **WEATHER CONDITIONS**

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| STATION | STATION NAME | YEARS | MONTH |

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| MONTH                                 | HOURS<br>(LST)         | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND                             | N OF OBS<br>WITH OBST<br>TO VISION     | TOTAL<br>NO OF<br>OBS                 |
|---------------------------------------|------------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|--|--|---------------------------------------|
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#### **WEATHER CONDITIONS**

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| MONTH  | HOURS<br>(LST.) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET               | HAIL        | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING |             | N OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
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## **WEATHER CONDITIONS**

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| нтиом  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL    | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW  | DUST<br>AND OR<br>SAND | NOF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
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## **WEATHER CONDITIONS**

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## **WEATHER CONDITIONS**

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| MONTH  | HOURS<br>(LST: | THUNDER- | AND OR       | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND: OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG   | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW           | DUST<br>AND OR<br>SAND | S OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
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THE PRINCE CAPACIFICATION OF THE CAMPAINTS WITH

USAFETAC PORM 0-10-5/QL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**WEATHER CONDITIONS** 

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| MONTH                                 | HOURS<br>(LST) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE             | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND: OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG    | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
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| · · · · · · · · · · · · · · · · · · · | · <u> </u>     | •                  |                                       | 1                                |                          | -    | 2.7                         | 1 • 1. | 5.4                     |                 |                        | <u>+ + 1 ,</u>                     |                       |
|                                       | <br>           | ·<br>•             | ·<br>                                 | : · · · · ·                      |                          |      |                             | i • i  | 5.                      |                 | · ——— -                | • .                                |                       |
|                                       |                | •                  |                                       |                                  | -                        |      | 1                           | 1.2    | 7 • 1                   | ļ               |                        |                                    | -                     |
|                                       |                | •                  | 7.6                                   |                                  |                          |      | 7.4                         | 1.1    | ٠,                      | į               |                        | •                                  | _ , ,                 |
|                                       | 11%            |                    | 7 • 1                                 |                                  |                          |      |                             | • 4    | 1.0                     | !<br>!          |                        | • **                               |                       |
|                                       | 1              | <b></b>            | • *                                   | :<br>•                           |                          |      |                             | •      | à 👡                     | <b></b>         |                        | <u></u>                            | <u>: ^</u>            |
|                                       | ·<br>  • • • • |                    | :<br>                                 | !                                | _ <del></del> -•         |      | L • ·                       | و ن    | 4.7                     |                 |                        |                                    |                       |
|                                       | 1 - ?          | :<br>•             | , , , , , , , , , , , , , , , , , , , | ! !                              | !                        |      | 7.                          | • L,   | 4.7                     |                 |                        | •:                                 |                       |
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|                                       |                |                    |                                       |                                  |                          |      |                             |        |                         | 1               |                        |                                    |                       |
| TOTALS                                |                |                    | : • د                                 |                                  |                          |      | • 5                         | . 7    | >•                      |                 |                        |                                    | <b>,</b>              |

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USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**WEATHER CONDITIONS** 

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| монтн  | HOURS<br>(LST) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR:<br>DRIZZLE | SNOW<br>AND: OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | S OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
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|        | •              | :                  | 7, . · 1,                 |                                   |                          |      |                            | • 1  |                         |                 |                        | • •                                |                       |
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|        | :-11           | .1                 |                           |                                   |                          |      | 1.1                        | •:   | 1.                      |                 |                        |                                    | 3.7                   |
|        | 1 1 - 1 -      | •                  | • •                       |                                   |                          | _    | 4.7                        | • .` | ₹.                      | •               |                        | Ţ.;                                |                       |
|        | 11-1-          | +                  |                           |                                   |                          |      | 3.                         | i    | ١٠٤                     |                 |                        | •.`                                |                       |
|        | <u>-</u>       | • 1                |                           |                                   |                          |      | 0.5                        | • 1  | 3.1                     | !               |                        |                                    | <u> </u>              |
|        | 1-2            | •                  | 4.                        |                                   |                          |      | 4.                         |      | 7                       | ·               |                        | ·•··                               |                       |
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| TOTALS |                | • .                | ٠, ٠                      |                                   |                          |      | 4 , ,                      | • i  | 2.7                     |                 |                        |                                    | 71.4                  |

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#### **WEATHER CONDITIONS**

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| MONTH   | HOURS<br>(L S.T.) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SHOW<br>AND: OR<br>SLEET | HAIL    | S OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE               | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | N OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|---------|-------------------|--------------------|---------------------------|----------------------------------|--------------------------|---------|-----------------------------|-----|---------------------------------------|-----------------|------------------------|------------------------------------|-----------------------|
|         | 7-1               |                    | _ •                       | :                                |                          |         |                             |     |                                       |                 |                        |                                    |                       |
|         |                   |                    | 4.                        | ·                                |                          |         | 4.1                         |     | 1.                                    |                 |                        | 1                                  |                       |
|         | 1                 | • 2                | . • 4                     |                                  | <del>-</del>             |         |                             |     | •                                     |                 |                        | • • • • • • •                      |                       |
|         | ; ;-1!            | • 2                | ٠,٠                       |                                  | <del></del>              |         | 4.7                         |     | 1 • 4                                 |                 | ····                   |                                    |                       |
|         | 11.               | •                  | <b>.</b>                  |                                  |                          |         | : , , ,                     |     | 1.                                    |                 |                        |                                    | - 227                 |
|         | 1 -1 -            | •1                 | 3.7                       | · i                              |                          | !       | 3.7                         |     | 1.1                                   | •               | • ····                 | i                                  |                       |
| ·       | 1 1               |                    | 3.1                       |                                  |                          |         | 3.7                         |     | 1 • •                                 | ·<br>•          |                        | 1.1                                | ···                   |
|         | 1-3-              | • 2                | 4.0                       |                                  |                          |         | 4.                          | • ? | <u> </u>                              |                 | <b>.</b>               | 1 • 4                              |                       |
|         |                   |                    |                           |                                  |                          | <b></b> | :<br>                       |     | · · · · · · · · · · · · · · · · · · · |                 |                        | ·<br>•~                            |                       |
|         |                   | ·                  |                           |                                  |                          |         | <u> </u>                    |     | :<br>•                                | <u> </u>        |                        | + ·                                | ~ <del></del>         |
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| TOTALS  |                   | • •,               | 4                         |                                  |                          |         | 4                           | • : | 1.                                    |                 |                        | ielj                               | 7447                  |

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#### **WEATHER CONDITIONS**

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| MONTH  | HOURS<br>(LST)       | THUNDER-<br>STORMS |          | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL          | % OF<br>OBS WITH<br>PRECIP. | FOG   | SMOKE<br>AND OR<br>HAZE               | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | S OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS                         |
|--------|----------------------|--------------------|----------|----------------------------------|-------------------------|---------------|-----------------------------|-------|---------------------------------------|-----------------|------------------------|------------------------------------|---|
| ····   | ; ; ; <del>+</del> ; | 5.                 | : • 7    |                                  | ·                       |               | 6.7                         | • (   | 1.1                                   | :               |                        | 1.7                                |   |
|        | '-                   |                    | 7.5      | <b></b>                          |                         |               | 7.4                         | •     | •                                     |                 |                        | 1 • •                              |   |
|        |                      |                    | : • 7    |                                  |                         |               | 7 91                        | • 3   | 1.1                                   |                 |                        | 104                                | · <u>· · · · · · · · · · · · · · · · · · </u> |
|        | -11                  | <b></b>            | ₹ • •    |                                  |                         |               | 5.                          | • 1   | 1                                     |                 |                        | •                                  |   |
|        | 19-14                | ۰٤                 | \$ • · ¹ |                                  |                         |               | 1 3.21                      | ا ي . | 1.7                                   |                 |                        |                                    | 1,.*  |
|        | 1517                 |                    | ა • "    |                                  |                         |               | 5.31                        | • 4 1 | 1.4                                   |                 |                        | 1.7                                | <u>, :</u>                                    |
|        | 1,-2                 | :<br>:             | J • **   |                                  |                         |               | 5.                          |       | 4 • .                                 |                 |                        |                                    | ; 1   |
|        | 1-2                  |                    |          |                                  |                         | . <del></del> | 7.                          | •     | •                                     | ·<br>·          |                        |                                    | <u> </u>                                      |
|        | <u> </u>             |                    |          |                                  |                         |               |                             |       |                                       |                 |                        |                                    |   |
|        |                      |                    |          |                                  |                         |               |                             |       | · · · · · · · · · · · · · · · · · · · |                 |                        | · · ·                              |   |
|        |                      |                    |          |                                  |                         |               |                             |       |                                       |                 |                        |                                    |   |
|        |                      |                    |          |                                  |                         |               |                             |       |                                       |                 |                        |                                    |   |
| TOTALS |                      | - 1                | 6.46     | _                                |                         |               | 6.6                         | • -   | 1.7                                   |                 |                        | 1.4                                | 1   |

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USAPETAC PORM  $_{\rm JU(Y.64}$  0-10-5(QL A), previous editions of this form are obsolete.

**WEATHER CONDITIONS** 

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| MONTH  | HOURS<br>(LST) | THUNDER-<br>STORMS |         | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | S OF OBS :<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--------------------|---------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|--------------------------------------|-----------------------|
|        | _              | • 5                | 1       |                                  |                         |      | 10.3                        | • 1  | 4.1                     |                 |                        |                                      |                       |
|        | -              |                    | j       | !                                |                         |      | 1                           | • 1  | . 4                     | ·<br>•          |                        | • <u> </u>                           |                       |
|        | · ·            | . <u></u> .        | 11.1    |                                  |                         |      | 11.3                        | • (  | • 5                     |                 |                        |                                      | f (1+)                |
|        | ,-11           |                    | * • * * | 1 '                              |                         |      | · · ·                       | • t. | 1.3                     | ·<br>           |                        | <u>:</u>                             |                       |
|        | 1 -1           |                    | 7.0     |                                  |                         |      | 7 • c                       |      | 1.5                     | •               |                        |                                      | <u>. د ·</u>          |
|        | 1 1 - 1 7      |                    | . 7     | · .                              |                         |      | <u>→ → 7</u>                |      | <u>4 • . '</u>          | !<br><b>+</b>   | <u> </u>               | • • •                                |                       |
|        |                | 1                  |         | ·                                |                         |      | 3.                          | • 4  | 1.5                     | :<br>!<br>      |                        | <u> </u>                             | <u></u>               |
|        | 1-75           | • 2                | 10.1    | · .                              |                         |      | 1. • 1                      | • •  | 1                       | <br>            |                        | ·                                    | <u> </u>              |
|        |                | <br>               |         | i<br>                            |                         |      |                             |      |                         | !<br>           |                        |                                      |                       |
|        |                | ;<br>,<br>• —— -—• |         |                                  |                         |      | · · · · ·                   |      | -                       |                 | ·                      | • · ·- ·-                            |                       |
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| TOTALS |                | - 1                | • *     |                                  | ĺ                       |      | اد. ب                       | • 2  | 1.7                     |                 |                        | 1 1.                                 | 744"                  |

COSTRIBAL DATA RECURSED IN SYMPHIF C.D.

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## **WEATHER CONDITIONS**

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| STATION | STATION NAME | YEARS | MONTH |

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| MONTH  | HOURS<br>(EST) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND: OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE               | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND                | S OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|--------------------------|------|-----------------------------|-----|---------------------------------------|-----------------|---------------------------------------|------------------------------------|-----------------------|
|        | 5-             |                    | • .                       | 1                                |                          |      | 7.4                         | •   | iel                                   |                 |                                       | •                                  | <u>, , -</u>          |
|        |                | • 4                | 2 • 1                     | <u></u>                          |                          |      | 3                           | 1.1 | 100                                   |                 | L                                     | 1                                  | 1.                    |
|        | ,              | •1                 | 1 • • 5                   |                                  |                          |      | 12.0                        | 1.5 | 1.1                                   |                 |                                       |                                    |                       |
|        | 11             | <b>.</b>           | 11.1                      | 1                                |                          |      | 11.3                        | • 6 | 1.4                                   | ,<br>           | :<br>                                 | <u> </u>                           | 2.7                   |
|        | 1115           | •1                 | 10.                       |                                  |                          |      | 10.3                        |     | 1.1                                   | ·               |                                       | <u> </u>                           | . 1                   |
|        | 1 r - 1 /      | •1                 | 1                         | ·<br>                            |                          |      | 17.4                        | •   | 1.;                                   | <del>•</del>    | ·                                     | •                                  | 200                   |
|        | 1:             | • i                | 11.7                      |                                  | -                        |      | 1 11.7                      | ن و | 1.7                                   | :               | ·                                     |                                    | ٠                     |
|        | .1-23          |                    | 9.1                       |                                  |                          |      | 3.1                         | 1   | 1.7                                   |                 |                                       | • ;                                |                       |
|        | ·              |                    | <br>                      | ļ                                |                          |      | !                           |     |                                       | •               | •                                     | ·                                  |                       |
|        | <u> </u>       |                    | ·                         | ·                                |                          |      | :<br>:                      |     | ·                                     |                 | · · · · · · · · · · · · · · · · · · · | •                                  |                       |
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#### **WEATHER CONDITIONS**

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| MONTH             | HOURS<br>(LST.)   | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL        | % OF<br>OBS WITH ,<br>PRECIP. | FOG    | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND                | N OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS                        |
|-------------------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|-------------|-------------------------------|--------|-------------------------|-----------------|---------------------------------------|------------------------------------|--|
| ,                 |                   | •                  | .1                        |                                  |                         |             | 11.4                          | • •    | • .                     |                 |                                       | •                                  |  |
|                   | _ ,               |                    | 12.7                      |                                  |                         | • 1         | 12.4                          |        | <b></b>                 | :<br>:<br>•     | ·····                                 | :<br>                              |  |
|                   | <br>              | ,<br>,<br>,        | 1 - • -                   | 1                                |                         |             | 1200                          | ;<br>  |                         | <br>            |                                       | • •-                               | <del>.</del>                                 |
|                   | /-1;              | <b></b>            | 1                         |                                  |                         |             | 1                             | • 1    | •:                      | <u> </u>        | •                                     | •                                  | <u>,,                                   </u> |
| l                 | 1:-1-             | • i                | 15.                       |                                  |                         |             | 1                             | • 1    |                         |                 | ·                                     | • • • •                            |  |
|                   | -17               | • 1                | 11                        | ·                                |                         |             | 15.1                          |        | •                       | !               | ·                                     | · · · · · · · ·                    | - :: •                                       |
|                   | <u> </u>          | ·                  | 1                         |                                  |                         |             | 1 d • 2                       |        |                         | ·               | ·                                     |                                    | <del>.</del>                                 |
|                   | ! <u>! -</u> · ·  | ·<br>              | 1                         | !<br>+                           |                         |             | 1                             | • 4    | • i                     |                 |                                       | • • •                              | • "  |
| ļ                 | !<br><del>!</del> | <u>.</u>           |                           |                                  |                         |             | ļi                            |        | <br>                    |                 | · · · · · · · · · · · · · · · · · · · | :<br>                              | <del></del>                                  |
| ;<br><del> </del> | !<br>!            |                    |                           | +                                |                         |             |                               |        | <b>-</b>                |                 |                                       | 1<br>+                             |  |
|                   |                   |                    | <br>                      | -                                |                         |             |                               |        |                         |                 |                                       |                                    |  |
|                   |                   |                    |                           |                                  |                         | <del></del> |                               |        |                         | <br>            | <br>                                  |                                    |  |
| TOTALS            |                   | • ::               | 17.1                      |                                  |                         |             | 12.1                          | ر نه و | • 1                     |                 |                                       |                                    | 14.73  |

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USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## **WEATHER CONDITIONS**

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| STATION | STATION NAME | YEARS | MONTH |

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| монтн  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS |      | FREEZING<br>RAIN & OR<br>DRIZZLE      | HAIL              | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW |           | % OF OBS<br>WITH OBS:<br>TO VISION    | TOTAL<br>NO OF<br>OBS. |
|--------|-------------------|--------------------|------|---------------------------------------|-------------------|-----------------------------|------|-------------------------|-----------------|-----------|---------------------------------------|------------------------|
|        | 111               | • 4                |      | !                                     |                   | 1303                        | • •  | • :                     | ·               |           |                                       | 714.                   |
|        |                   | • 1                | i• ' | · · · · · · · · · · · · · · · · · · · | <br>• 1           | 13.                         | • ~  | 1                       |                 |           | i •                                   | 67/1                   |
|        | - ·               | · • i              |      |                                       | <br>:<br>!        | 1                           | • :  | 1                       |                 |           |                                       | 7                      |
|        |                   | •                  | وب ا |                                       | <br>!<br><b>!</b> | 1                           | . 4  | 2.1                     | :<br>           |           | · · · · · · · · · · · · · · · · · · · | 7.2.                   |
|        |                   |                    |      |                                       | <br>!             | 1                           | • •  |                         |                 | <u></u>   | 1.1                                   | 7.44                   |
| ,      |                   |                    | . •  | · .                                   |                   |                             | • 7  | . • •                   |                 | <b></b> . | <u> </u>                              | 7                      |
| .1     |                   |                    | 4.   | <u> </u>                              |                   |                             | • 1  | 7                       | :               |           | •                                     | 7.47                   |
|        |                   | • •                | ٠.   | 1                                     |                   | 4 • 2                       | •    | <b>.</b>                | <u>.</u>        |           | 1.1                                   | 144.                   |
|        |                   | • 1                | ٠.   |                                       |                   |                             | • 4  | 1.7                     | i<br>           |           | 1.5                                   | 1,20                   |
| ٦      |                   | • 1                |      |                                       | !                 |                             | • •  | 1.:                     |                 |           | 1.                                    | 7.47                   |
|        |                   | • !                |      |                                       | 1                 | 1.                          | • 5  | 4.4                     |                 |           | i                                     | 7                      |
|        |                   | • • •              | 11   | 1                                     | <br>•             | 12.1                        | • i  | • 1                     |                 |           | • -                                   | 70                     |
| TOTALS |                   |                    | •    |                                       | •                 | د و د                       | دَ • | 1.                      |                 |           | 1.                                    | 37·6°                  |

TO INSERT AND TO TOPPOSE IN SYMPTOTIC OF DE-

USAFETAC RAY 64 0-10-5/QL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE

#### PART A

#### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949.

  Therefore, percentages in this column are restricted to the period Jan 1949 and later.
  - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
  - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

WEATHER CONDITIONS

ATHROPH STATE MALBUM NA

 $\mathcal{L} = \{1, \dots, 1, 2^{k} \mid k \in A\}$ 

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STATION

STATION NAME

VEADS

MONTH

ROUND THE RESERVENCE OF ANY CONTROL OF A STANDARD FOR THE CONTROL OF ANY THE CONTROL OF ANY AND CONTROL OF ANY

| монтн  | HOURS<br>;LST | THUNDER-<br>STORMS                      | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND: OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG           | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW                         | DUST<br>AND OR<br>SAND    | S OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|---------------|---|---------------------------|----------------------------------|--------------------------|------|-----------------------------|---------------|-------------------------|---|---------------------------|------------------------------------|-----------------------|
|        | 15.1          |   |                           |                                  | • 1                      | 2.1  | 1.0                         | 4.            | ₹.7                     |   |                           | . 7.                               |                       |
|        |               | ; · · · · · · · · · · · · · · · · · · · |                           |                                  | • 1                      | 3.7  | 7 :                         | 4.1           | ٠.,                     |   |                           | •                                  |                       |
|        |               | 2.7                                     | °5.                       |                                  | • ì                      | 1.0  | 73                          | 4.5           | ٤. •                    |   |                           | • *                                | 1 14                  |
|        |               | • =                                     | .7.                       |                                  |                          | • *  | 75.0                        | 4.7           | 9.                      |   |                           | 1                                  | ` ·                   |
|        |               | • 0                                     | 4.00                      |                                  |                          | • 1  | -1.                         | 6.5           | 7.                      | • · · · · · · · · · · · · · · · · · · · |                           | 1 •                                | : .:                  |
| . ر    |               | • * •                                   | 6,0                       |                                  | 1                        | • l  | 5                           | 1C •          | 7                       | !                                       |                           |                                    | 1                     |
| ٠, ن   |               | 1.                                      | ;                         |                                  |                          |      | ° c • */                    | : . ?         | ·. •                    |   | <u> </u>                  | •                                  | : , " 4               |
|        |               | ان ۱۰                                   | 1 7.07                    | !                                |                          | • l  | () • 1                      | 3.            | ٠.                      | ,                                       |                           | •                                  | ٠ ,٠, 4               |
|        |               | 1 • 3                                   | t • 4                     |                                  |                          |      | / <b>4</b> • ·              | ٠.            | . • 1                   | •                                       |                           | • • •                              | 1 . 2 -               |
|        |               | - 1                                     | · o • >                   |                                  |                          | • 1  | 74.3                        | 43 • c.       | ٠                       |   | · <del></del> · - · · · · | 7.                                 | 1.2.                  |
| :. · , |               | ે • ધ                                   | 79.00                     |                                  |                          | • 1  | 7:01                        | '. • 7        | :.                      |   | ·········                 | •                                  | 1 7.1                 |
| ·. •   |               | i • 9                                   | 7 4                       |                                  | • :                      | 1.5  | 70.7                        | <b>5 .</b> (. | 2.1                     |   |                           | 7.0                                | 15.                   |
| TOTALS |               | 1 • 14                                  | 1. 7 • 0                  |                                  | • *                      |      | 2.0 • 1                     | ا د د         | ٠.                      |   |                           | •                                  | 1303                  |

USAFETAC ROTE 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART B

#### PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by menth and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given arounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and amount. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables inducates less than .05 percent which is usually only one occurrence.
- The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| EXTREME DAILY PRECIPITATION | ".00" equals none for the month (hundredths) |
|-----------------------------|--|
| EXTREME DAILY SNOWFALL      | ".0" equals none for the month (tenths)      |
| EXTREME DAILY SNOW DEPTH    | "O" equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of FRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each wonth and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

#### NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

#### Air Force Stations:

#### U. S. Navy and National Weather Service (USWB)

| Beginning thru 1945 | at 0800LST | Beginning thru Jun 52 | at 0030GMT |
|---------------------|------------|-----------------------|------------|
| Jan 46-May 57       | at 1230GMT | Jul 52-May 57         | at 1230GMT |
| Jun 57-present      | at 1200GMT | Jun 57-present        | at 1200GMT |

HOZAR REIMATORE, Y RYANCH DEATARC AL ALMEND SEVEN STARK

## **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF
PROPERTY TION
(FROM DAILY OBSERVATIONS)

1 231 AU AU AU STATION NAME 44-81 YEARS

|               |         |       |            |       |              | AM      | OUNTS (I | NCHES)  |          |            |           |                     |            | . PERCENT       |           | MON                | THLY AMO | STAUC              |
|---------------|---------|-------|------------|-------|--------------|---------|----------|---------|----------|------------|-----------|---------------------|------------|-----------------|-----------|--------------------|----------|--------------------|
| PREC P        | NONE    | TRACE | C1         | 02 05 | 06 10        | 11 25   | 26 50    | 51 1 DC | 01 2 50  | 2 5° 5 00  | 5 C' C OC | 10 01 <b>2</b> 0 00 | OVER 20 00 | OF DAYS         | NO        |                    | (INCHES) |                    |
| SNOWFALL      | NONE    | TRACE | 0104       | 0514  | 1 5 2 4      | 2534    | 3 5 4 4  | 4564    | 6 5 10 4 | 10 5 15 4  | 5 5 25 4  | 25 5 50 4           | OVER 50 4  | AA E A CLIP     | OF<br>OBS | MEAN               | GREATEST | LEAST              |
| SNOW<br>CEPTH | NONE    | TRACE | 1          | 2     | 3            | 4 6     | 7 12     | 13 24   | 25 36    | 37 48      | 49 60     | 6° 20               | OVER 20    | AMTS            |           |                    |          |                    |
| JAN .         | 1'.5    | 17.   |            | 12.6  | - <b>.</b> 4 | 13.2    | 11.      | · · 1   | 7.1      |            |           | <b>*</b>            |            | / 1 • <u>c</u>  | 1115      | . 5                | 1 * • *  | 1 • 1 5            |
| FEB .         | . '`•'• | 15.0  | *, • 4     | 15.9  | _', , '      | 15.     | 11."     | ۱.ور    | 4        |            |           |                     |            |                 | 15.2      | . '. <b> 4</b>     | 13.0s    | τ: δυ <sup>1</sup> |
| MAR           | .3.     | 1 . 3 | ٠, ٤       | 13.1  | • 1          | 11.6    | o.u      | 5 . 1   | 2.4      | <b>ذ</b> . |           |                     | •          | .57.            | 15.52     |                    | 11.4     | . •56              |
| APR .         | .,,,    | 71.6  | 0.1        | 12.8  |              | 11.2    | ٢.,?     | 4.,     | 1        |            |           |                     | <b>.</b>   | 40.3            | 1 - 100   | 3. 5               | 9.00     | . 7                |
| MAY           | 5.7     | 25.4  | 4.4        | 13.6  | 7 . 9        | 7 . 3   | 3 • 1    | 1.5     | 1.0      |            |           |                     |            | ٠.              | 1115      | 1.01               | 4.74     | . 17               |
| JUN .         | · )     | 24.5  | 6.5        | 13.5  | . 4          | 5.1     | 2.4      | د ۱۰۰   | 1."      | • •        | ··-       |                     | <b>.</b>   | 30.1            | 1069      | 1.70               |          | •                  |
| JUL .         | 4 , , ; | 22.2  | 4.7        | 12.5  | L. U         | 5.1     | 3.2      | 1.,     | , ii     | <u>.</u> ف |           |                     |            | 77.5            | 1116      | 1.73               | 5.96     |                    |
| AUG .         | 42.     | 71.7  | 4.7        | 12.5  | ٠.4          | ~ · · · | 3.1      | 2.0     |          | • 1        |           | <b></b>             | •          | 70.5            | 1116      | 1.77               | 5.47     | • .                |
| SEP           | 34.7    |       | 5.7        | 11.6  | 6.3          | 5.4     | F.6      | 201     | 2.5      | • 2        |           |                     | •          | 42.7            | 1353      | 2.21               | 0.24     |                    |
| OCT .         | 27.1    | 2 )   | 4.0        | 13.2  | · • ?        | 11.7    | 9.5      | 5.5     | 1.1      | • 3        | • 1       |                     | <b>.</b>   | 56.4            | 1147      | . j. <u>.</u> .: 2 | 13.1     | 1.7                |
| NOV           |         | 23.6  | 5.5        | 13.3  | 4            | 14      | ٩.1      | 5.4     | 3.7      | • 3        |           | •                   | <b></b>    | € 4, <b>•</b> . | 1 .40     |                    | 14.50    | • • •              |
| DEC           | 1.      | 5     | 7.0        | 14.8  | n . 1        | 12.7    | 7.4      | 5.2     | 3.5      | . 5        | • 1       |                     | •          | 50.7            | 1115      | 55                 | 15. s    | • : .              |
| ANNUAL        |         | ^1.   | <u>.</u> € | 13.2  | 7.           | 4.8     | 6.01     | 4.5     |          | • :        | •         |                     |            | 43.4            | 13117     | 45.39              |          |                    |

USAFETAC  $_{\text{OCT.75}}^{\text{FORM.0.15.5}}$  (OL.A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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**EXTREME VALUES** 

P FCI::\*#11

FROM DAILY OBSERVATIONS

STATION STATION NAME

44-11

YEARS

THE HOLD APPLICATE IN THEM I

| MONTH<br>AR       | , <b>4</b> N                          | FEB                             | MAR                                     | APR           | MAY                | JUN         | JUL                       | AUG          | SEP                           | oc*            | NOV        | DEC              | ALL<br>MONTHS |
|-------------------|---------------------------------------|---------------------------------|---|---------------|--------------------|-------------|---------------------------|--------------|-------------------------------|----------------|------------|------------------|---------------|
| 14                |                                       | TRAC                            |   | •             | 1.47               | • 1         | • 2.5                     | •.5          | 1.47                          | • پ ر          | 1.75       | • .              |               |
| 4                 | • %                                   | . ?                             | 1.1.                                    | 1             | •62,               | • 4 52      | •1i.                      | • 7 2        | 1.5                           | • : 7.         |            |                  |               |
| 4                 |                                       |                                 |   |               |                    |             |                           |              |                               | • 5            | • 12       | 1.5              |               |
| • '               | • * *                                 | • 31,                           | • 7 %                                   | • 27.         | • 1 <sup>7</sup> , | • 1 .       | $2 \cdot 13$              | 1.5          | •                             | 1 4            | € • 74.    | 1                | •             |
|                   |                                       | 3                               | 1 • 7.                                  | • 33          | 1.41               | 1.00        | . 4                       | • 4          | 1 • • •                       | 2.2            | 1.23       | 1. 2             | •             |
| •                 | · · ·                                 | 1.4 .                           | • • •                                   | ِذ ،          | • 2.4.5            | 7.2         | به يَ و                   | 1.15         | ۱ • <sup>د</sup> د.           | 7 • 1          | 1.         | 1.7              | •             |
|                   | • 5                                   |                                 | • 6                                     | • '~          | • 5 5              | .49         | •77                       | • ? 3        | • 74                          | 2.32           | 1.75       | 1.1.             |               |
| . 1               | •, ~.                                 | 1 • 1.                          | 7.11.                                   | 1.5           | 1. 2.              | 1.14        | 4 4 4 5                   | • ? 7.       | <b>1</b> 5 2.                 | 3              | . š        | •7:2             | * *           |
|                   | • 4                                   | 2 4                             | 1.73                                    | • * 5         | • [ 3              | 1.22        | 2.54                      | • 4          | 1.03                          | • 1. /         | • •        | 2.3.             |               |
| -                 | 3. 3.                                 | • 6 1                           | • }                                     | • 7           | <u>• 2</u> 4.      | • 3         | • C &                     | . 4 %        | 1,42                          | 1.27           | + 2 s.     | 122.             |               |
| <b>.</b>          | •                                     | • . 1                           | • 3 ]                                   | 1.12          | .72                | • 4 0       | • 1                       | • 2 3        | •                             | • 3 %          | • 30       | • 6.7            | ا ت           |
| - 5<br>- 5        | • .7.                                 | 1.72                            | • | • 5 5         | • 9 4              | • 1 1       | • 4                       | 1,• 12, _    | • 4 7.                        | 2 • 3          | • 7 /      |                  | <b>4</b> 9    |
| · .               | 1.02                                  | • 41                            | • t. 7                                  | 22            | • 33               | •           | • 4 3                     | • 4 5        | 1.                            | 7 • - 3        | 1.62       |                  | -             |
| <u>.</u>          |                                       | - 30                            | 1.2                                     | 1.17          | • 36.              | •5%         | • <sup>3</sup> <u>4</u>   | • 5 b.       | $1 \bullet 7 \gamma_{\gamma}$ | •              |            | 1.21             | 🕰             |
|                   | • 1 4                                 | 1.51                            | i •                                     | 1.41          | 1.57               | -55         | • 4 7                     | • 5 14       | 1 • 4                         | 1.             | • + 3      | 1.12             | -             |
| -                 | 1.05                                  | 1 3                             | • 4.                                    | • 5 <u></u>   | <u> </u>           | • 2 3       | 56                        | • 1.1.       | •                             | $1 \cdot 1 =$  | 4 • 1 1.   | 4 4 m m z        | ر نے          |
|                   | 1 - 1                                 | 2.88                            | • 57                                    | 1.65          | • 5 7              | • = 1       | • 1 &                     | 1.1          | 1 • 1                         | 1.24           | 1.11       | • 4 4            |               |
|                   |                                       | $\frac{1.3}{26}$                | 1 <u>5 5 9</u>                          | 1.14.         | • 5,3              | 1.59        | _• <u>Q.<del>u_</del></u> | 1 • 5 4.     | 1 • 2 -                       | 1.1.           | 1 • 37.    | . 4.             | <u>*</u> .0   |
| 3<br>v.           | . 7                                   | . 79                            | 2.45                                    | 1.75          | 1 • 74             | 1 • C a     | •61                       | •67          | 1 • 3 ~                       | 1.77           | • 9        | 1.71             | •             |
| - 1 - <del></del> | 1 • 4                                 | , <u>. 72</u> ,                 | .1•.4.                                  | 1             | • 1 1.             | 1.44        | • ; <u>1</u>              | • 0.7.       | • 41,                         | <u>3</u> • `∀. | • 3 3      | • = •            |               |
| t ·               | 1 • 4                                 | 3.26                            | • 3 7<br>• <b>7</b> 9                   | • 7 7         | • 9.3              | 4 4         | 1.32                      | • 1          | 1.5                           | •              | 7.1        | 1.               | 3.            |
| 6                 | 1 - 7                                 | $\frac{1 \cdot 61}{1 \cdot 65}$ | 11                                      | يز . •<br>7 ي | •38<br>•30         | • 4 3       | • 6 1                     | • 36         | • 3 4                         | ું ું દુ       | 2.32       | 4 4 .            | •             |
|                   | 1.5                                   |                                 |   |               |                    | - 33        | • Š ¿                     | • " ]        | .4?                           | 2.24           | 1.3        | • • •            | 2.            |
| ,<br>,            |                                       | 1 • 0<br>1 • 56                 | 1.77                                    |               | 1 1 4              | 2.97        | . • <u>4</u> 5.           | ું. 3 હુ     | • 2 4                         | . • • -        | • 4_ 3, 1  | - #. <del></del> |               |
|                   | •13                                   | 1.66                            | • 11                                    |               | • 36               | •03<br>•37  | • 7 +                     | • 1 3        | 1.1                           | 1.5            | 1.56       | 1.               | • •           |
|                   | 1 • ;                                 | 1.44                            | - 3 <del>- 4 1</del>                    | 1. 7          | •63<br>1•02        |             | <u>• 3</u> .5_            | <u>• 6 š</u> |                               | -, • -, -,     |            |                  | يذ            |
| • 1               | 2.                                    | 1.39                            | 1 • 3                                   | •41           | •22                | •14<br>1•07 | •38<br>1•04               | • 77         | 1.1                           | 1.72           | 2.25       | 1.53             | 2.            |
| -,                | 2 4                                   | • 14.3                          | 1.                                      |               | - 22               |             |                           | • 25         | 2.83                          | 1.93           | • 11       | 1.72             | ٠ .           |
| •                 | 1.1                                   | 1.44                            | 1.35                                    | 1.12          |                    | •11<br>2•61 | •62<br>•27                | •25<br>•43   | 2.33                          | 1.95           | •35<br>•33 | 1.3              | ٤٠            |
| MEAN              |                                       |                                 |   |               |                    |             | • · · · · · ·             |              | 1.12                          | 1.5            | • 3 3      |                  |               |
| S D               |                                       |                                 | · · · · · ·                             |               |                    | •           |                           |              |                               |                |            |                  |               |
| TAL OBS           | · · · · · · · · · · · · · · · · · · · |                                 |   |               | •                  | · - · - •   |                           |              |                               |                |            | 4-               |               |

NOTE OF CHASES ON LESS THAY FULL MUNTHS)

FORM JUL 64 0-88-5 (OL A) USAF ETAC

CONTRACTOR SERVICEZANCH CONTRACTOR SERVICEZANCH

## **EXTREME VALUES**

PRECIPITATI N

FROM DAILY OBSERVATIONS

1 C1 STATION STATION NAME

44- 1

YEARS

24 HO : AMOUNTS IN INCHES

| MONTH<br>EAR | JAN   | FEB   | MAR   | APR            | MAY       | JUN             | JUL  | AUG          | SEP   | OCT   | NOV    | DEC   | ALL<br>MONTHS |
|--------------|-------|-------|-------|----------------|-----------|-----------------|------|--------------|-------|-------|--------|-------|---------------|
| <del></del>  | 1.04  | •     | 1.5   | 1. " ,         | .40       | .72             | •23  | • ".         | . 4   | 3.33  | .67    | • • • | <b>.</b> . 3  |
|              | 2.2.  | • 8.  | . 76. | • 49           | • 1 4     | 1.2 :           | .74  | • 7 <u>3</u> | .0.   | 1.24  | • 3 Ja | 2,5   | , c           |
| '6           | 1.75  | .64   | • 4.7 | . 45           | .21       | 2.45            | 1.45 | 2.45         | 7.17  | 1.07  | 1.99   | 1.1   | 2.4           |
| 7            | 1 • 7 | 1.55  | 1.52  | • 74.          | .24       | 1 <u>• 7</u> 7. | 43   | • .7 .       | 1.21  | • 75  | 2.20   | 2.    | 3.5           |
| 7            | • 3   | 1 . 1 | • 31  | • <del>3</del> | . 25      | • 7.3           | .25  | .91          | • 1   | 2.3   | 1.79   | 1.71  | 3             |
| 7 .          | 1.7   | 1.95  | 1.77  | 1.42           | 1.12      | • 42            | . 43 | • 5.7        | · 44  | . 74  | 1.40   | • 7   | 1.4           |
| -            | • 5   | 1.49  | 1.43  | 2.11           | 73        | .47             | .56  | .76          | . 9.  | 2.9   | 1.44   | 1.75  | . • 1         |
| i .          | . 7   | 1.29  |       |                |           |                 |      |              |       |       |        | _     |               |
| •            | •     | •     |       | •              | •         |                 | •    | •            | •     | •     |        | •     |               |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
| •            | •     | •     | - •   |                | •         | •               | •    | •            | •     |       |        | -     |               |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
|              |       |       | • • • | • -            |           | • •             | •    | •            | •     | •     | •      |       | -             |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
|              |       |       | •     | •              | •         | •               | -    | •            | •     | •     | •      |       |               |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
|              |       |       |       |                |           | • •             | •    | - •          |       |       |        | - *   |               |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
| ••           |       |       |       |                | . +       | •               | •    |              |       | •-    |        |       |               |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
| · · · · · ·  |       |       |       | •              | • • -     | •               |      | - • •        |       | •     |        |       | -             |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
|              |       | +-    |       |                | · ··· - · |                 |      | •            | •     | • - • | ****   |       |               |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
|              |       |       |       |                |           |                 |      |              |       |       |        |       |               |
| *            |       | •     |       |                |           |                 |      |              |       |       |        |       |               |
|              | ı     |       |       |                |           |                 |      |              |       |       |        |       |               |
|              |       |       |       | <del></del>    |           |                 |      |              |       |       |        |       |               |
|              |       |       |       |                |           |                 |      |              |       |       |        | ,     |               |
| MEAN         | 1.4 4 | 1.3.7 | 1.333 | • 35,4         | .663      | .818            | .747 | .753         | 1.13% | 1.597 | 1.3 6  | 1.4   | 7             |
| 5 D          | 123   | .716  | € D Z | • वंद्रो       | .507      | .741            | .926 | .671         |       | 1.487 |        | 1.132 | 1.34          |
| OTAL OBS     | 111   | 1002  | 1 2   | 11120          | 1116      | 1.69            | 1116 | 1116         | 1.81  | 1147  | . 383  | 1111  | 1311          |

ANTE WILLIAM STANES ON LEAS THAN FULL

USAF ETAC FORM JUL 64 0-88-5 (OL A)

- () AC DETMATUECUM (CANDA - () Tag - () CATH () SEVIAC (MA

EXTREME YALUES

A A ME E CONSTITUTE

FROM DAILY OBSERVATIONS

STATION NAME STATION NAME

24-11

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHOL

| MONTH                                 | JAN                                     | FEB                  | MAR               | APR                  | MAY             | JUN             | JUL                    | AUG                    | SEP      | OCT            | NOV                  | DEC              | ALL<br>MONTHS   |
|---------------------------------------|---|----------------------|-------------------|----------------------|-----------------|-----------------|------------------------|------------------------|----------|----------------|----------------------|------------------|-----------------|
| , 4                                   | •                                       | * > A C              |                   | 1.1                  | 3.18            | . 8 9           | ٦.9.                   | • 75                   | + - 14   | 2.64           | 2.71                 | 1.'              |                 |
| . 4                                   | 7.                                      | 1.47                 | *• 5 .            | · 33.                | 3.35            | 1.07.           | . 3 2.                 | 1 . 2.                 | ٠٠٤٠.    | 4.16.          |                      |                  |                 |
| · <b>÷</b>                            |   |                      |                   |                      |                 |                 |                        |                        |          | 4. 5           | 2.64                 | 6.73             |                 |
| · · · _                               | 6 · 🚓                                   | 1.2                  | f • 28.           | • 77.                | • 74.           | • 4 3.          | 4.15.                  | 4 • 1%.                | 1.5      | 7.79.          | Ì∌⊅∠.                | • • • • • •      | A * "           |
| •                                     | • 2 4                                   | 5.10                 | • 5               | 1.24                 | 2.26            | 1.19            | 1.73                   | 2 • €                  | 7.6      | 5. 7           | 5.56                 | 5 • 3 •          | .1.5            |
|                                       | · • 2.                                  | 7.18                 | 1.54.             | 1.75.                | • 34 <u>.</u> : | 3 ?             | 1.2                    | 4 • 5 2.               | 4.75.    | 7."1.          | 2.31                 | 5 . 3 .          | - I s • 5 ·     |
|                                       | 3. 3                                    |                      | 7.77              | 1.39                 | 1 • 14          | 1.73            | 1.30                   | 1.55                   | 1.47     | 6 • • 3        | e .                  | 4.               |                 |
|                                       | •_ •                                    | 3.€ 4.               | F. → B 7          | ρ• ; <u>Τ</u> *      | 2 · 2 3         | 3.53.           | <u> 5 • 5 0.</u>       | 1.C1                   | 2.1.     | P. ± 1.1.      | 2.51.                | 2919 L           | ع و د ۳         |
|                                       |   | 11.35                | - 67              | 1.45                 | 1.19            | 1 • €           | 6.98                   | 1.5                    | 4 . 6 3  | 2.54           | 2.5                  | • 1              | ٠.٠٠            |
|                                       | 6 <u>• (</u> 3,                         | 1.35                 | * • 2 <u>5</u>    | . 3.                 | • 24.           | • 5. 2.         |                        | 1.01.                  | 2.41.    | 4.33.          | 2.4 4.               | • " • •          | 73.             |
| 44                                    | 4 •                                     | .46                  | 1 • 3 1           | 2.77                 | 2.23            | • 71            | • 35                   | •59                    | • 32     | 1.72           | • 7.5                | 1 • • .          | 7•              |
| <u>.</u>                              | 2 • 14                                  | 3.47                 | • •               | 1 • 7.               | 1.37.           | • 3 s.          | • <sup>8</sup> 5.      | $2 \cdot 1$ $\gamma$ . | 1.21.    | 4 • 75.        | 9.5                  | 2 • <u>4</u> · . | 12.2            |
| 5                                     | • 6 1                                   | 7.35                 | 2 • 4 2           | ]•61                 | • 4 1           | .23             | • 5 /                  | 1. 1                   | 3 • . 4  | F • 3 1        | 5.14                 | 1.7              | 17.2            |
|                                       | • • 0.                                  | . 5. • 3 <u>7.</u> . | • 7.              | <u>2 • ≥</u>         | • 1 3.          | 1 4 <u>1</u>    | 2 • 2 5.               | 1 • 35.                | 5 • 13.  | 2.61           | 14.32.               | 20 22 4          | اتعقادا         |
| -                                     |   | 5.7                  | 5.30              | 4.13                 | 4.76            | •99             | 1.13                   | 1.33                   | 3.47     | 3.15           | 4 • 1                | 7.               | → <b>7</b> • `` |
|                                       |   | 3 • 2                | • 31.             | 2 • •                | 2 • 6           | . 4 4           | 1.22                   | • 73.                  | S • 1 7. | 4 , 2 7, .     | _4 • <sup>9</sup> 5. | 1.5              | • <u>3 • = </u> |
|                                       |   | 1 • 5                | 7.24              | ₹•17                 | 3.14            | 1.45            | . 44                   | 3                      | 1.7%     | 2.30           | 7 • 2                | 1.7              | ÷ 7 • !         |
| 1 .                                   | 4.7                                     | <u>5.56,</u>         | _( <u>.</u> • ?ģ. | 3 • 5                | 1.074           | 1.79            | . <u>• . <u>t</u>.</u> | <u>2 • 2 5</u> .       | 2.57.    | 4 - 2          |                      | 13               | 4.4             |
| ,                                     | 2.55                                    |                      | 10.45             | . 9                  | 4.74            | 1.53            | 1.03                   | 1.79                   | 2.73     | 5.67           | 1.55                 | 1.1              | 42.             |
| - <u>-</u>                            | 7 • 2%                                  | <u> 3. 39</u>        | • ? 4             | 5.50                 | • 4 1           | =3 <u>6 7</u> . | 2.03                   | • 22                   | 1 • 5 1  | 9.11.          | • 11.                |                  | • 3 •           |
| 4                                     | G • C                                   | 13. 5                |                   | 1.12                 | 2.12            | 1.72            | 2.32                   | 1.95                   | 2.85     | 4.27           | 7.70                 | 4.76             | 2.4             |
|                                       | • | 21.                  | 4.34              | 1.0 0                | .63             | •66             | - 91                   | 1.4                    | 2        | 3.67           | · · · · · · ·        | 11               | ٠ - 2           |
| 6                                     | 13.30                                   | -                    | 3.03              | <b>4.</b> 23         | .95             | • 0 2           | 1.34                   | 2.33                   | 1.93     | 1.53           | 3.24                 | 2.6              | 5 y • 4         |
| _ <del>_</del>                        | 6. 5                                    |                      |                   | <u> 1 • 5 7</u>      | -17             | _4 <u>1 3</u>   | 97                     | _4 <u>+25</u>          | 1.14     | <u>2 • _ 4</u> |                      | 15. 3.           | 345.7           |
| <b>3</b> *                            | 5.75                                    | 5.75                 | ( • 2             | · , ;                |                 | 2.2             | 1.74                   | .49                    | 1.21     | 6.53           | 6.91                 | 4.06.            | 49.             |
| · · · · · · · · · · · · · · · · · · · | $-\frac{11}{10}$                        | 5.46                 | 11.62             | 1.73                 | 1.44            | •71             | -63                    | 1.21                   | 3_       | 2.31           | 2.35                 | <u>• ( }</u>     | <u>+1.7</u>     |
|                                       |   |                      | 7 - 24            | 4.13                 | 1.39            | • A 3           | 1.12                   | 2.56                   | 4. 5     | 4.57           | 4.45                 | 5.14             | 0 3. I          |
| , <del>-</del> •                      | 7,54                                    | 4.57                 | 1.3               | 1.5                  | •8·<br>•71      | 1.49            | 1.50                   | 52                     | 7.55     | 6.[3           | 1 65                 | 73               | 9401            |
| • '                                   | 7.8.                                    | 2.33                 | 3.77              | 1 • 3<br>• 85        | 2.87            | 3 - 3 - 3.      | 2 • 3 6<br>1 • 1 6     | 1.05                   | 2.11     | 5.32<br>3.63   | 1.5i<br>3.6i         | 7.17.            | 47.3°           |
|                                       | 7 . 7 1                                 | 2033                 | 2 • 1 1           | • 75                 |                 |                 | 1010                   | • C i                  | <u> </u> | 3 • 6 3        | ) • 0 .              |                  |                 |
| MEAN<br>5 D                           |   | +                    |                   | - · · - <del>·</del> |                 |                 |                        |                        |          |                |                      | <del></del>      |                 |
| TOTAL OBS                             |   |                      |                   |                      | +               |                 |                        |                        |          |                | •-                   |                  |                 |

NOTE OF CHASES ON LESS THAN FULL MUNTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

AL SETNATOLISM GRANCH COSTITION AL EATHER SERVICE/MAC

EXTREME VALUES

FROM DAILY OBSERVATIONS

TESTATION STATION NAME

·44 - \_ }

YEARS

COTAL MONTHER PRECIPITATION IN INCHES

| MONTH<br>YEAR | JAN          | FEB          | MAR                                     | APR          | MAY      | JUN             | JUL   | AUG            | SEP     | OC†     | NOV            | DEC               | ALL<br>MONTHS |
|---------------|--------------|--------------|---|--------------|----------|-----------------|-------|----------------|---------|---------|----------------|-------------------|---------------|
|               | 6.2.         | 1.2          | ( ; )                                   | 2.           | 1.4"     | 2.56            | • 9.2 | 1.13           | • a ·   | 13.51   | 7.71           | 34                | 43.4          |
| 75<br>-       | 5 🔩 B.       | r.56         | ~ • ₹ 5 <u>.</u>                        | 1 • Z I.     | • 56.    | 2 • 5 5.        | 2.52  | 2 • 1 <u>3</u> | 2.23    | 5.66    | 4 • 4 3.       | 5, 2,             | -4. ·         |
| ٠, ۴,         | <b>U</b> • 1 | 4.23         | 2.37                                    | 1.1          | 1.25     | 4.64            | 4.22  | F • 4 7        | 4 4 9 2 | 2.35    | 4.25           | 4.6               | 45.6          |
| 7             | •            | 1 • 02,      | • 11.                                   | 2.11.        | 1. 5     | £ <b>,</b> ⊋ 3, | 1.4   | •6 -           | 8 • 24, | 2 • 3 · | • 74           | • • •             | 11.5          |
| 7             | 1 • 1        | • 25         | 2.50                                    | • + 3        | 1.00     | 1.34            | • 7 : | ? <b>.</b> ⊆ 3 | • 5.7   | 9.72    | . • 14         | • • •             | 4             |
| 7 -           | • 1          | ₹• § 5.      | 7 • 73.                                 | રે ∙િલે.     | 2 • 2 0, | 1 • 5 1.        | 1.14  | 1.31           | 1 • 6 5 | 3.47    | 5.15           | 2.93.             | · · · 1       |
|               | □ • ′3       | .26          | f .44                                   | 7 <b>.</b> 6 | 3.55     | <b>.</b> 8 9    | 1.61  | 23             | 2.84    | 7.75    | 17.99          |                   | -3.7          |
|               | 1.63         | 4 • ?5.      | ··· •                                   | •-           | •        |                 | •     | •              | •       | •       | •              | -                 |               |
|               |              |              |   |              |          | •               |       |                |         |         |                | -                 |               |
|               |              |              |   |              |          |                 |       |                |         |         |                |                   |               |
| •             | •            | •            | •                                       | •            | •        | •               | •     | •              | •       | ·       | ·              |                   |               |
|               | •            | ÷            | •                                       | •            | ٠        | •               | •     | •              | •       | -+      |                |                   |               |
|               | · -·         | •            | · · - · •                               |              |          | •               | •     |                |         | • •     | -              |                   |               |
|               |              |              | ·•                                      |              | - •      | •               |       | •              |         |         |                |                   |               |
|               |              |              |   |              |          |                 |       |                |         |         |                |                   |               |
|               |              |              |   |              |          |                 |       |                |         | - •     | •              |                   |               |
|               |              |              |   |              |          |                 |       |                |         |         |                |                   |               |
| . 4           | * * ***      | •            | • |              |          |                 |       |                | · · - · | •       | •              | - · · - · +       |               |
|               |              |              |   |              |          |                 |       |                |         |         |                |                   |               |
|               |              |              |   |              |          |                 |       |                |         |         | +-             |                   |               |
|               |              |              |   |              |          |                 |       |                |         |         |                |                   |               |
| - **          |              |              |   |              |          |                 |       |                |         |         |                |                   |               |
| <u> </u>      |              |              |   |              |          |                 |       |                |         |         |                |                   |               |
|               |              |              |   |              |          |                 |       |                |         |         |                |                   | · · ——        |
|               |              |              |   |              |          |                 |       |                |         |         |                | · · · · · · · · · |               |
| MEAN          | 5. 90        |              |   |              |          |                 |       | 1.773          |         |         | <u>5 • 57.</u> |                   | 45.27         |
| S D           |              |              | 2.664                                   |              |          |                 |       |                |         |         |                |                   | <u> </u>      |
| TOTAL OBS     | 111          | <u>1</u> 002 | 1 . ? 2                                 | 1 :: 5 3     | 1116     | 1.69            | 1110  | 1116           | 1 3 Ju  | 1147    | 1090           | 111               | 1311          |

USAF ETAC JUL 64 0-88-5 (OL A)

3

1 STATION

TE TAL CLIMATOLOGY THANCH IN ATTEMS.
ATTS DEET OF SERVICE ZMAC

#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

AMOUNTS (INCHES) MONTHLY AMOUNTS TOTAL 101 2 50 2 51 5 00 5 01 70 00 10 01 20 00 OVER 20 00 OF DAYS 51 1 00 NO OF 6 5 10 4 10 5 15 4 15 5 25 4 25 5 50 4 OVER 50 4 MEASUR 085 ABLE 13 24 TRACE 1085THACK TRACK FEB GULTUL SUFTRACE 1013THACETOACE APR MAY 1 C. AUG 1 3.3 SEP 1 3. 1955 - 3 DEC 1085TOACETPACE

USAFETAC FORM 0.15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EL AE CLIMITOLOGY PANCH (1717) AT PATOLA SERVICIZMAC

## **EXTREME VALUES**

5 Mg (1) L

FROM DAILY OBSERVATIONS

1 2 1 2 A A A 2 STATION NAME

45-1

YEARS

24 HG T AMOUNTS IN INCHES

| MONTH      | JAN | FEB                | MAR         | APR     | MAY   | JUN  | JUL           | <b>A</b> UG         | SEP  | OC T         | NOV   | DEC         | ALL<br>MONTHS |
|------------|-----|--------------------|-------------|---------|-------|------|---------------|---------------------|------|--------------|-------|-------------|---------------|
| 4          |     |                    |             |         |       |      |               |                     | •    | •            | •     | •           |               |
|            | ٠.  | • •                | • .         | • 4,    | • ì.  | • z. | € 24          | •                   | • :, | ٠.           | ٠.,   | •           |               |
| •          | •   | • +                | • :         | • ,     | • . • | • .  | • 4           | ہ ئے                | • .  | •            | • •   | •           |               |
| •          | • . | • .                | •           | • 3,    | • ^   | •    | •             | • • .               | •    | • .          | • -,  | • _         |               |
|            | •   |                    | •           | نہ ہ    | •     | • •  | • .           | •                   | •    | •            | • .   | •           |               |
|            | • . | • 5.               | • `.        | • 2.    | • 0,  |      | • •           | • 5.                | • .  | •            | •     | • .         |               |
|            | •   | • 3                | • -         | • ;     | • 7   | ذ •  | • •           | • 5                 | • .  | • •          | •     | •           |               |
|            |     | •                  | <u>• 4.</u> | • • •   |       | 4    | 9             | ييا ۾               | • .  | •            | • • . | ٠           |               |
| ₩          | •   | • 5                | • **        | ن و     | •     |      | • -           | • .                 | •    | •            | • .   | •           |               |
| 5          |     |                    |             | ے یا    | • .). | ب ن  | £.24          | • .                 | ٠.   | •            | 9 v.  | •           |               |
| 5          | •   | • 3                | •           | • .     | • 3   | • 5  | •             | • 3                 | • -  | • 1          | • 5   | •           |               |
| 5 '        | •   | 4.                 |             |         |       | • •, | •             | • .                 | •    | • .          | • 1   | . • .       |               |
| •          | •   | • 3                | • 1         | •       | • 3   | • -  | • .           | •                   | • .  |              | • •   | • .         |               |
|            | • . |                    | 9           | . 9 34, |       | • 🖫  | •             | 2                   |      |              | 9     | 1           |               |
|            |     | • .3               | •           | . 3     |       | • 3  | • .           |                     | •    | •            | •     | • .         |               |
|            | • : | • 1                | •           | •       | • .1. |      |               | • 1.                | •    |              | 4     | •           |               |
|            |     | • •                | •           | • -     | • •   | • •  |               | • •                 |      | •            |       | •           |               |
|            |     | • .).              | · 4         | • 4.    | • 7.  | • C. |               |                     | • .  | •            |       | •           |               |
|            |     | •                  | • .         | • u     |       | • 6  |               |                     |      |              |       |             |               |
| ۲,         | • : | • 1                | • 1         |         | • 5.  | •    |               |                     | £    | •            | •     |             |               |
|            | •   | • ;                | •           | • .     | • •   | •    | <del></del> . | • .                 | •    | •            | • •   |             |               |
| 6:         |     | • .                |             |         | • i   | • .  | <b>●</b> 14   | ٠. عر               |      |              | •     |             |               |
| 5          | •   | - • <del>•</del> • |             | • •     | •     | • 5  | • •           | • •                 |      | •            | • •   |             |               |
| •          | • ; | • 49               | •           | •       | • 1   | •    |               | • [                 |      | •            | •     |             |               |
| * .        | •   | • 5                | •           | • ,     | • ;   |      | • 14.         | •                   |      | • .          |       |             | -             |
| • :        |     | • 0,               | • 1         | • 0,    |       | • u; |               |                     | •    |              |       |             |               |
| , -        | •   | • 0                | •           | • 1     |       | •    |               | • 5                 |      | <del>-</del> |       |             |               |
| <i>;</i> • | . 1 | اد •               |             | • u     | . 3   | . 3  | •             | <br>● val           | • .  | •            | • )   |             |               |
| 74         |     | • 1                |             | • .     | • 3   |      |               |                     |      |              |       | <u></u>     |               |
| 15         | •   | a.                 | •           | •       | . j   | • Q  | • •           | • .                 | •    |              | • 3   |             |               |
| MEAN       |     |                    |             | •       |       |      | <del></del>   |                     |      |              |       | <del></del> |               |
| 5 D        |     |                    |             |         |       |      |               | · · - · · - · · - • |      |              |       |             |               |
| OTAL OBS   |     |                    |             |         |       |      |               |                     |      |              | •     |             |               |

NOTE # (BASED ON LEGS THAN FULL MUNTHS)

USAF ETAC JUL 64 0-88-5 (OL A)

TO DONE OF THE TOLDER PARCH COST TAC ACCURATE A SERVICEZMAC

#### **EXTREME VALUES**

SN AFALL

FROM DAILY OBSERVATIONS

STATION NAME

46-1

YEARS

24 HO I AMOUNTS IN INCHES

| MONTH | JAN                  | FEB       | MAR                                   | APR  | MAY          | JUN   | JUL    | AUG          | SEP         | ост   | NOV   | DEC   | ALL<br>MONTHS |
|-------|----------------------|-----------|---------------------------------------|------|--------------|-------|--------|--------------|-------------|-------|-------|-------|---------------|
| 7.6   | •                    | THACE     | •                                     | • ,  | • 5          | ز ه   | • ,    | •            | • 1         | • 1   |       | TRAC  | THAC          |
| 7     |                      | ب آب      | THACE.                                | . 4  | . • 4.       | • 🗓 . |        | يا و         | .9 Ša       | • 4   | ٤.    | •     | THAC          |
| 7     | •                    | •         | • •                                   | • 7  | • }          | •     | • •    | • 0          | ل و         | •     | • 7   | TOAC: | TRAC          |
| 7 🗘   | - TOAC .             | • • •     | • .                                   | پ •  | • ચું .      | • •   | . • 2. | • ۱۰۰        | • 1         | •     | • 4   | •     | T . A C !     |
|       | •                    | TPACE     | •                                     | ڏ ه  | ٠.٦          | ں ہ   | • .    | • **         | • 1         | • 1   | • 1   | •     | THAC          |
| •     | • •                  | ب •       | •                                     | - •  |              | •     | •      | ٠            | •           | •     | •     | •     |               |
|       | <b>*</b> · · · • · • |           | · ·- •                                |      | - •          |       |        | ~· +         | • -         |       | ٠     | -     |               |
|       | <b>+</b> •           | •         |                                       | • -  |              | •     |        | •            | •           | •     | ٠     | •     |               |
|       | <b>.</b>             | •         | · · • =                               | • •  | •            | • -   |        | •-           | •           | •     | •     | - *   |               |
|       | <b>.</b>             |           | - •                                   |      | •            | ٠     | ٠      | -            | •           |       |       | *-    |               |
|       | • •                  | - · · - • |                                       |      | - ··•        | - •   | · - •  | · - <b>-</b> |             | •     |       | *     | ÷ .           |
|       | •                    |           | · · · · · · · · · · · · · · · · · · · |      | . • -        | •-    | ·      |              |             |       |       | · •-  |               |
|       | <del>-</del>         |           |                                       | • •  |              |       |        |              |             |       |       | +     | -             |
|       |                      |           |                                       |      |              |       |        |              |             |       |       |       |               |
|       | *                    |           | • -                                   |      |              |       |        |              |             |       |       |       |               |
|       | ,<br>•               |           |                                       |      | <del>-</del> |       |        |              |             |       | +     |       |               |
|       |                      |           |                                       |      | I            |       |        |              |             |       |       | 6     |               |
|       | *·· ·-               |           |                                       |      |              |       |        |              | <del></del> |       |       |       |               |
|       |                      |           | ,                                     |      |              |       |        |              |             |       |       |       |               |
|       | *                    |           |                                       |      | •            |       |        |              |             |       |       |       |               |
| MEAN  |                      | TOACE     | TACE                                  | • 13 | .00          | .50   | • 50   | េះ០          | •-a         | • ^ 5 | • Dai | 1340  | - A C         |
| S D   | . 00                 | ۵٥٥.      | •555                                  | .010 | •300         | 1009  | .000   | ·C U         | • 202       | • 1CC |       |       | • 0.          |
|       |                      |           |                                       |      |              |       |        |              |             |       |       |       | 1253          |

NOTE A CRASED ON LISS THAN FULL MINTHS!

USAF ETAC FORM 0-88-5 (OL A)

THE ALL OLIMATOLOGY THAT OH

4 THE SET VICTORAC

FROM DAILY OBSERVATIONS

46-11

TOTAL MONTHLY CHORFALL IN INCHE!

| MONTH<br>EAR | JAN | FEB            | MAR        | APR            | MAY             | JUN           | JUL          | AUG             | SEP          | OCT       | NOV        | DEC       | ALL<br>MONTHS |
|--------------|-----|----------------|------------|----------------|-----------------|---------------|--------------|-----------------|--------------|-----------|------------|-----------|---------------|
| •            |     |                |            |                |                 |               |              |                 |              | •         | • 1        | •         |               |
| 47           | ·   | . • .          | •          | • <del>.</del> | • 2             | • Ú.          | يز. و        | • £4            | æ (          | 1 -       |            |           |               |
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|              | •   |                | •          | • C            | • 3             | • •           | • 😅          |                 | •            | •         | •          | •         |               |
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| á.           | •   | • 4            |            |                | • 1             |               |              | •               | • •          | • •       |            | •         |               |
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| OTAL OBS     |     | •              |            |                |                 |               |              | <del></del>     |              |           |            |           |               |

NOTE - # (MASE" ON LESS THAN FULL MONTHS)

FORM 0-88-5 (OL A)

USAF ETAC

CI AL CLIMATOLD, C.S.RAUCH AFETAC AI LEATHFH SERVICTZMAC

EXTREME VALUES

MONTHLY SNOWFALL

1 201 A 2015 A A 1 STATION NAME

46-1

YEARS

TUTAL MONTHLY SNOWFALL IN INCHE.

| MONTH<br>YEAR | JAN    | FEB   | MAR    | APR          | MAY  | JUN   | JUL           | AUG   | SEP   | OC†     | NOV                   | DEC          | ALL<br>MONTHS |
|---------------|--------|-------|--------|--------------|------|-------|---------------|-------|-------|---------|-----------------------|--------------|---------------|
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| 79 -          | 'EAC . | • •   | • 1    | • .          | • 5  | • 4,  | • 4           | • .   | • .   | • .     | • -,                  | • .          | 7 ~ A C       |
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| MEAN          | THACE  | TRACE | T. ACE | •            | - 20 | - 53  | • 30          | • ^ 0 | • ^ U | • î. C  | • ^ C.                | TRACLE       | TRAC          |
| 5 D           |        | .000  | • J 20 | • <u>570</u> | •020 | • 000 | .000          | ال د  | •000  | • 30    |                       | • 100±       | • ີ €         |
| TOTAL OBS     | د ل ا  | 961   | 1073   | 1 20         | 1454 | 1009  | 1354          | 1054  | 1020  | 1 5     | 1.50                  | 1 5          | 1253          |

USAF ETAC FORM 0-88-5 (OL A)

E TAL CEIMATOLIGY RANGH HISTORAC AI VEATHER SERVICIZMAC

### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF SNUA DEPTH (FROM DAILY OBSERVATIONS)

STATION STATION NAME VEARS

|               |                |             |          |       |   | AM                                    | OUNTS (I | NCHES)  |           |           |            |             |            | PERCENT | <del>-</del> | MON  | THLY AMO   | UNTS  |
|---------------|----------------|-------------|----------|-------|---|---------------------------------------|----------|---------|-----------|-----------|------------|-------------|------------|---------|--------------|------|------------|-------|
| PRE : P       | NONE           | TRACE       | C1       | 02 05 | 06 '0                                   | 11 25                                 | 26 50    | 51 1 00 | 1 01 2 50 | 2 51 5 00 | 5 0' '0 00 | .p.c. 20 00 | OVER 20 00 | OF DAYS | NO           |      | INCHES     |       |
| NC W!ALL      | NONE           | TRACE       | 0104     | 0.514 | 1524                                    | 2534                                  | 3 5 4 4  | 4564    | 6 5 10 4  | 10 5 15 4 | 5 5 25 4   | 25 5 50 4   | OVER 50 4  |         | OF C         | MEAN | GREATEST   | LEAST |
| SNOW<br>DEPTH | NONE           | TRACE       | 1        | 2     | 3                                       | 4.6                                   | 7 12     | 13-24   | 25 36     | 37 48     | 49 60      | 6' '20      | OVER 120   | AMTS    |              |      | <b></b>    |       |
| JAN           | :n.n.          |             |          | •     | •                                       | • =                                   | •        |         | •         | ·         |            | <b></b>     |            | ·       | 1147         |      |            |       |
| FEB :         | 100.           |             |          |       |   | · · ·                                 |          | ·       | ·         | <b>.</b>  | ·····      | <b></b>     | *.*        | · ·-•   | 1015         |      | ·          | •     |
| MAR           | 120 <u>.</u> 0 |             |          | •     | · —                                     | •                                     | ·        |         | •         | <b></b>   |            |             | •          | • •     | 1114         |      |            |       |
| APR           | ] = ] • ^      | ·           |          |       |   | •                                     |          | •       |           |           | ····       |             | •·         | •       | 1040         |      | - <b>.</b> |       |
| MAY           | 1 2.7          |             |          |       | ·                                       |                                       |          |         | •         |           |            |             | •          |         | 1116         |      |            |       |
| אטנ           | 100.           | · · ·       |          |       |   |                                       |          |         | •         |           |            |             |            |         | 1567         |      | • -        |       |
| JUL           | 160•C          |             |          |       | · —                                     | •                                     |          |         |           |           |            | <b>.</b>    | •          |         | 1116         |      |            |       |
| AUG           | 1.0.4          | <del></del> |          |       | · — · — · — · — · — · — · — · — · — · — | 1                                     |          |         | :         |           |            | ·<br>•      | •          |         | 1115         |      | <b></b>    |       |
| SEP           | 170.8          |             |          |       |   |                                       |          | !       |           |           |            |             |            |         | 1070         |      | ·          |       |
| OCT .         | 14 <u>0.0</u>  |             | <u> </u> | 1<br> | · · · · · · · · · · · · · · · · · · ·   | ļ                                     |          | i<br>!  | i         |           |            |             |            | ·       | 1147         |      | <b>+</b>   |       |
| NOV           | 100.1          |             | •        |       |   |                                       | !        |         |           |           |            |             | •          |         | 10.50        |      | • = • •    |       |
| DEC           | 1 "0•n         |             |          |       |   | · · · · · · · · · · · · · · · · · · · |          |         | ,         |           |            |             |            |         | 1116         |      |            |       |
| ANNUAL        | 1.0.1          |             |          |       |   | 1                                     | !        |         | į         |           |            |             | -          |         | 131 -7       |      | $\sim$     |       |

LI AL CLIMATOLOUY FOA CH LI ESTAT AT FAT TH SEMVICIOMAL

#### **EXTREME VALUES**

KN STOTE

FROM DAILY OBSERVATIONS

1 201 STATION STATION NAME

YEARS

CATEM UNG CEPTH IN INCHES

| MONTH<br>EAR | JAN                                    | FEB                          | MAR             | APR           | MAY                | MUL           | וטנ    | AUG         | SEP         | oct | NOV  | DEC          | ALL<br>MONTHS |
|--------------|--|------------------------------|-----------------|---------------|--------------------|---------------|--------|-------------|-------------|-----|--|--------------|---------------|
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| 5            |  | <b>-</b>                     | \.\.\.\.        |               |                    | <u> </u>      | نـ نــ | <b>.</b>    | 4-          |     | <u>.                                    </u> | <del>-</del> | <b>4</b>      |
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|              |  | <b>+</b> · - ·               | <del>(+</del> , | <del></del>   |                    | <del></del>   |        |             | <del></del> |     | ·  | <del></del>  | <del>-</del>  |
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| MEAN         | ************************************** | <del>*</del>                 | <del></del>     | <u> </u>      | <del>*****</del> * | +             |        | ·           |             |     | •  | <del></del>  | <b>*</b>      |
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| TOTAL OBS    |  | 1                            | <del></del>     | <del>•</del>  |                    | <del></del>   |        |             |             |     |  | •            | +             |

NOTE # (PASEE IN LESS THAN FULL MUNTHS)

USAF ETAC JUL 64 0-88-5 (OL A)

SEL AL CLIMITOLOUY BRANCH SOME TAR AT STATH HOSERVICEZMAC

#### **EXTREME VALUES**

SNOW LETTH

FROM DAILY OBSERVATIONS

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·LANS

HAILY SYDA DERIH IN INCHES

| MONTH                                 |      |                       |             | 400    |            | 11.15 | 4                 |      |   |              |          | 255                                   | ALL           |
|---------------------------------------|------|-----------------------|-------------|--------|------------|-------|-------------------|------|---|--------------|----------|---------------------------------------|---------------|
| EAR                                   | JAN  | FEB                   | MAR         | APR    | MAY        | JUN   | JUL               | AUG  | SEP   | oct          | NOV      | DEC                                   | ALL<br>MONTHS |
| 7.,                                   |      | <u>ن</u>              |             | +2     |            | J     |                   |      |   | <del>.</del> | .,       |                                       |               |
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| 7.7                                   |      | Ü,                    | -           | 1      | :          | •     |                   |      |   |              | ×        |                                       |               |
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|                                       |      |                       |             |        |            |       |                   |      | _   |              |          | <b>}</b>                              |               |
| MEAN                                  | •    | .0                    | <del></del> | •      |            | •     | - 2020000000<br>• | di d | <del>ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا </del> |              |          | • • •                                 |               |
| SD                                    | . 23 | 70                    |             | • ១ឆ្  | •ນຕໍ່ລຸ້   | •ฉอบ์ | • 35.             |      | <u>a .cc</u>                                      | 0            | 30.00    | 53]                                   |               |
| OTAL OBS                              | 114  | 1 18                  | 1114        |        | 1115       | 1.67  | 111               |      | 6, 138  | 0 114        |          | 1115                                  | 131           |

USAF ETAC JUL 44 0-88-5 (OL A)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

\*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by ind. Actual year and month for the intre period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and the MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly lircular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

\*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\*Values for means and standard deviations do not include measurements from incomplete months.

AN CLIMATOLESSME A CH NITAS A CONTRACT OF SERVICE CINC

### **EXTREME VALUES**

5 6812: -1 1

FROM DAILY OBSERVATIONS

a −21

YEARS

CAILY COAM GUSTS IN KNOTS

| MONTH<br>EAR          | JAN                 | FEB                  | MAR                 | APR N           | IUL YAI   | ال ۱۷            | IL AU    | G SE    | e cc      | • •            | ) DEC        | ALL<br>MONTHS         |
|-----------------------|---------------------|----------------------|---------------------|-----------------|-----------|------------------|----------|---------|-----------|----------------|--------------|-----------------------|
|                       |                     |                      |                     |                 |           |                  | 435%     | 43WN. W | 4,        | +655+          | 3+1.4        |                       |
|                       | . 5-3 × 3-3.        |                      | 1486955             | -#41 Sa         | 36,5 *    | 3 1.5 W          | - 30 N w | 29,55 * | 4 3 :     | 5.75 🛊         | 45,454 47_   |                       |
|                       |                     | .47%                 | 6 36 F.J.           | 354             | ₹355Q#    | 4 1              | 65.4     | ^ 1     | 3 - 4     | 4              | 59 may 52    |                       |
| _                     | 43                  | C. 8 440             | 15.5 %              | •               | 4 15 #    | 345r             | 2 3 S w  | 32,55 * | 45        | 75,554         | ଅପ୍ରେଳ କରୁ   | 15                    |
| •                     |                     | . 21.4               |                     |                 | 4354      | 426 W            | 355      | £ 1 m   | 40 A SW   | 4 " " 4 #      | 47           |                       |
|                       |                     | • • •                | •                   | S S د ۴         | 45,5 #    | 4355W            | 2 ນຸໂ ສ  | 45,484  | 31.5 8    | 545m           | 630 (        |                       |
|                       |                     | _                    |                     | -               | 475m      | SOANW            | 27 m S m | 364.    | 7.5       | 57.5.          | *715 * · · · | . S                   |
|                       |                     | TE 45.               | 514                 | 355 ~           |           |                  | 435      | 395     | 4 S 3 K   | 47.55          | စန် 🔻 🔭      | .5                    |
| _                     | 55 5                | · · · · ·            | 6955                |                 | 41554     |                  | 4,45.    | 335€    | 6/5       | 3:55.          | 5000         | <u>۔</u> ^ ،          |
| · č.                  |                     | `3                   |                     | , 43£           | 40, 4 N A | 4 <u>1 S m</u> _ | 33,      | 465A    | 4         | 37,554         |              | د"                    |
| •                     |                     | N 4655               |                     |                 | 32 N A    | 31184            | 3 55 H   | 345k    | 34        | -4.            | 455 - 73     | * *.                  |
| ٠,                    | . 55 <u>- 5</u> _ 5 |                      |                     |                 | 4 12      | 34.00 M          | 2 o S 🗪  | 43714   | 25. •     | 43750          | 5 🚶          | 5. 9                  |
| 1                     | 5 4 5               |                      | 5455                |                 | 445*      | 36 N N x         | 2 . 55 * | 25444   | C         | 34714          | 44 (4)       | رځ ند                 |
|                       | .3 <b>3</b>         |                      | 52 N                |                 | 67 V #    | 3 <b>3,</b> 5,w  | 4 5 . N' | 2955    | 43% x     | 40.5           |              | s 6                   |
| · · ·                 |                     | 184 4456             |                     | PESMN#          |           | 41.55            | 3 4 / 14 |         | 23 - A CN | 475 -          | 51 h         | 5 7                   |
| . 4                   | . w. 4 W 5 2 5      |                      |                     | *5.iS           | 445.      | 4.3 N.N.         | 22.      | 375 m   | 41. EW    | . c c          | 45           |                       |
| 5                     | 43'                 |                      |                     | 483             | 435*      | 4 .5%            | 30 N N N | 29Na    | ?55 x     | 75554          | 6305 + 51    | - 1 to                |
| - 6                   | ris in              | 5 65                 | 45.                 | <u>4,5</u> .S.* | 3614      | 3352             | ૢૺૺ૾ૣઽઙૢ | 31554   |           | 4 (            | 45,          |                       |
|                       |                     | IN STAIL             |                     |                 | 41050     | 3255m            | 234*     | 30554   |           | 5.2Nm          | 4455 - 1     | , S , M . E           |
| ,<br>,                | 55 5 j              |                      |                     | 358             |           | 4320/            | 25237    | 4424/   | 7,21/     | 592 /          | 5934/ 52     | 41                    |
| 6.                    |                     |                      |                     |                 | 7118/     | 3334/            | 2622/    | 3916/   | 31.2/     | 4516/          | 5 13/ -4     | -1/ /                 |
| 71 *                  |                     | 347 49 1<br>67 -210  | / 5319              |                 | 3333/     | 3421/            | 2533/    | 2719/   | 45 2/     | 4731/          | 5-16/ 47     | 21                    |
|                       | 21/ 6<br>21/ 732    |                      |                     |                 | 53307     | 3622/            | 4030/    | 3211/   | 4517/     | 54 4/          | 3617/        | 21/ €                 |
|                       | 217 732<br>277 9    |                      | 17 34237<br>17 35 2 |                 | 373:/     | 33/21/           | 33 4/    | 3420/   |           | 5517/          |              | 1/ 7                  |
|                       | . // 3<br>.22/ - 12 |                      |                     | / 46 2/         | 5321/     | 3233/            | 2731/    | 2732/   | 3521/     | 4733/          | 4534/ 1.     | 27/ 4                 |
| _                     |                     | 27/ 5433<br>21/ 4932 | 51317<br>7 37127    | 7 7777          | 423./     | 3522/            | 3520/    | 3731/   | 37 :/     |                | 4222/ 43     | 1/                    |
| -                     | 23/ 443<br>22/ 443  |                      |                     |                 |           | 3571/            | 3734/    | 4524/   | 4172/     | 433./          | 5,13/ 11     | 21/5                  |
| <del>5</del> 77 · · · |                     |                      |                     |                 | 4026/     | 2523/            | 2530/    | 3021/   | 31661     | 4632/          | 37 1/ 4      | 3 [ <u>/</u> <u>6</u> |
| 7                     |                     | 24/ 532              | / 6521/             |                 |           |                  |          | 2720/   | _ • • •   | 451./          | 5330/ 53     | - 27 6                |
|                       | 1/ 322              | 2/ 6319              | 53237               | 45221           | 4233/     | 34247            | 272./    | 3517/   | 36211     | 5 <i>2 . /</i> | 4721/ / 2    | <u> </u>              |
| MEAN                  |                     |                      |                     |                 |           |                  |          |         |           |                |              |                       |
| 5 D                   | :<br>               |                      |                     |                 | _         |                  |          |         |           |                | **           |                       |

NOTES # (BASE ON LESS THAN FULL MONTHS)

USAF ETAC JULA 0-88-5 (OLA) (PASEL IN LESS THAN FULL MUNTHS AND +130 MYCTS)

CHIC AR SETMATOROUM SHANCH TO TEST AT SERTICH SERVICOMAC

#### **EXTREME VALUES**

SIRFACT AT U

FROM DAILY OBSERVATIONS

1 20 A A A STATION NAME

4 / - 2 1

YEARS

#### WAILY PEAK CUSTS IN KNOTS

| YEAR  | MONTH | ),       | AN            | FE       | В                  | MAR  | APR | м                    | AY JU  | IN JI  | JL AU      | G S    | P C    | OCT NO         | )v     | DEC      | ALL<br>MONTHS |
|-------|-------|----------|---------------|----------|--------------------|------|-----|----------------------|--------|--------|------------|--------|--------|----------------|--------|----------|---------------|
| 7     |       | _317     | 4             |          | 5521               |      |     |                      |        |        |            |        |        | 4117/<br>5321/ |        |          | 21/ 5         |
|       |       | -        |               |          |                    |      |     | ٠                    | •      | •      | •          |        | •      |                |        | -        |               |
|       |       | •        |               |          |                    |      |     |                      |        |        |            |        |        |                | -      | •        |               |
|       |       | *        |               | •        | • •                |      |     | •                    | • • •  | ·+     | - · • • •  | •      | - • ·· | •              | •      | +        |               |
|       | -     | <b>.</b> |               | •        | •                  |      |     | · ·-•                | *      | - •    | •          | • •    | •••    | •              |        |          | •             |
|       |       | •        |               | • =      | •                  | •    | = - | - • -                |        | •      | •          | •      | •      | . •            | ٠      | - •      | -             |
|       |       | •        | -             | •        | ٠                  | • •  | -   | ٠                    | •      | →.     | •          | •      | ••     | - •            | •      | - •-     |               |
|       |       | •        | -             |          | . •                |      |     |                      |        |        |            | - •    |        | •              | •      |          |               |
|       | –     | <b>*</b> |               | <b>+</b> | n = +              |      |     | •                    |        |        | ·· · · · · | +      |        | •              | ···· • |          |               |
|       | =     | •        | ~ <del></del> | •        |                    |      |     | •                    | •      |        |            | •      | •      | •              | •      | •        |               |
|       |       | <b>.</b> |               | :        | <del>-</del> . • - |      |     | · · <del>- ·</del> · |        |        |            |        |        | - •            |        | **-      | . –           |
| -     |       |          |               | <b>-</b> |                    |      |     |                      |        |        |            |        |        |                | ~      | <u>*</u> |               |
|       |       | T        |               |          |                    |      |     |                      |        |        |            |        | *****  |                |        |          |               |
|       |       |          |               |          |                    |      |     |                      |        |        |            |        |        |                |        |          |               |
| ME    | AN    | _        |               | 5 5      |                    | 53.7 |     |                      | 3.9 3  |        |            |        |        | 3.9 5          |        | 1.2      | 67.           |
| S     | D     | 1 .      | 23            | 12.5     | 64 7               | .441 | 9.5 | 56 9.                | 715 6. | 48. 7. | 929 7.     | 384 5. | 9^1 c. | 312 8.         | 189 9  | 470:     | 7.53          |
| TOTAL | OBS   |          | 7 :5 7        |          | 7.2                | 956  |     |                      |        |        |            |        | 923    |                | +45    | 757      | 1139          |

NOTES # (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) 5 (MASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| المنظيد ا               |       | STATION       | NAME          |         |         |               |         | Y             | EARS     |             |      | м        | ONTH                  |
|-------------------------|-------|---------------|---------------|---------|---------|---------------|---------|---------------|----------|-------------|------|----------|-----------------------|
|                         | _     |               |               |         | il cr   | ATHE.         |         |               |          |             |      | HOUR     | - · ·                 |
|                         |       |               |               |         | CONI    | DITION        |         |               |          |             |      |          |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6         | 7 - 10        | 11 - 16 | 17 - 21 | 22 - 27       | 28 - 33 | 34 - 40       | 41 - 47  | 48 - 55     | ≥ 56 | <u>I</u> | MEAN<br>WIND<br>SPEED |
| N                       | •     | 1-1           | 2.4           | 2.3     | . 1     |               |         |               | -        | <del></del> |      |          |                       |
| NNE                     | •     |               | 1.            | . 1     |         |               |         |               |          | •           |      |          |                       |
| NE                      |       | 7             |               |         |         |               |         |               |          | •           | •——  | 1 .      |                       |
| ENE                     |       | 1.2           | 1.7           | - 0     |         |               |         |               | 1        | •           | •    |          |                       |
| €                       | . 6   | 1 - 4         | 2.5           | 1.5     |         |               |         |               | <u> </u> | •           |      | 1        | 40.                   |
| ESE                     | , ,   | . 1           | 1.7           | 1.2     | . 1     |               |         |               |          | •           |      |          |                       |
| SE                      |       | 1.3           | 1.7           | . 0     | - 1     |               |         |               | •        | •           | •    | 1        |                       |
| SSE                     |       | 1.7           | 1.2           | 1.1     |         |               |         |               |          | *           | •    |          |                       |
| S                       | 1.7   | 1.1           | 1.0           | 1.4     | . 1     | • :           |         |               |          | •           |      |          |                       |
| ssw                     | 1.2   |               | . 5           | 1.6     | ς.      | 7             |         |               |          |             |      |          | نعمذ                  |
| sw                      | 1.1   |               | 1.4           | 2.5     | Î.D     | r             |         |               | !        |             |      | 7        |                       |
| wsw                     | تما   | 1.2           | 1             | 1.4     |         |               | 1       |               |          |             |      | 1        |                       |
| w                       | 1.3   | 1.            | 1.6           | 9       | . 4     | 7             |         |               |          | ·           |      |          |                       |
| WNW                     |       | 100           | 2.5           | 1.2     | 7       |               |         |               |          |             |      |          | 1                     |
| NW                      | ,     | 1.            | 1.3           | 2.3     |         | 7             |         |               | <b>.</b> | • —         |      | 7        |                       |
| NNW                     |       |               | 1.5           | 1.6     |         |               |         |               |          |             |      | 1        | 1                     |
| VARBL                   |       |               |               |         |         |               |         |               |          | <u></u>     |      |          |                       |
| CALM                    |       | $\overline{}$ | $\overline{}$ | $\sim$  |         | $\overline{}$ | $\sim$  | $\sim$ $\sim$ |          | ~< >        |      | 1 7.7    |                       |

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> </u> | L-JF A A |              | <u></u>     | <del></del> |                |
|----------|----------|--------------|-------------|-------------|----------------|
| STATION  |          | STATION NAME |             | YEARS       | MONTH          |
|          | _        |              | ALL WEAT LO |             | <u> </u>       |
|          | _        |              | CLASS       |             | HOURS (L S.T.) |
|          |          |              |             |             |                |
|          | _        |              | CONDITION   |             |                |
|          |          |              |             |             |                |
|          |          |              |             |             |                |
|          |          |              |             |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | ;<br>; * | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|--------|--------|---------|----------|---------|---------|---------|---------|---------|------|----------|-----------------------|
| N                       |       |        | 1.4    | 2.5     | - 4      |         |         |         |         |         |      |          | 1                     |
| NNE                     |       | • ′    | 1      | . ?     |          |         |         |         |         |         |      |          | 7.0                   |
| NE                      |       | •      | 1      | . 7     |          |         |         |         |         |         |      | 7        | 7.                    |
| ENE                     |       |        | 1.1    | 1.1     |          |         |         | i .     |         |         | i    | ] • 1    | ••:                   |
| E                       |       | 1.     | 2.7    | 7.0     |          |         |         |         |         |         |      |          | 77                    |
| ESE                     |       | • 2    | 1.2    | 1.5     |          |         |         |         |         |         |      | • :      | • 4                   |
| SE                      | •     | • 4,   | . г.   | 1.3     | • 1      |         |         |         |         |         | :    | د و د    | • 5                   |
| SSE                     |       | 1.     | 1.     | 1.      |          |         |         |         |         |         |      |          | 7.1                   |
| 5                       | 1 1.  | 1.     | 1.1    | 1.3     | • 7      | , ,     |         |         |         | ·       |      | • 5      | . • 1                 |
| SSW                     | 1     | •      | 1. !   | • /     | . 4      | • 1     | • 1     |         |         |         |      | u • 1    | 11                    |
| sw                      | 1     | . 6    | 1.5    | 1.4     | 1.       | •       | • 1     |         |         | !       |      | 7        | 1                     |
| wsw                     | 1.    | • 7    | 1.5    | 2.5     | • .      | • r     | • 1     |         |         |         |      | i • f    | 1                     |
| W                       | 1.7   | 1.7    | 1.4    | 1.7     | • '      | • ?     |         |         |         |         |      | 7        | 3 • •                 |
| WNW                     |       | 1.2    | 2.1    | 1.1     | را.      | • 6     | • 1     | 1       |         |         |      | 5 • 2    | 11.1                  |
| NW                      | •     | 1.1    | 1.     | 1.7     | 1.7      | 1.0     | • ?     | • 1     |         |         | !    | -, ₀ 3   | 1                     |
| NNW                     | • ]   | •      | ?.4    | 2.7     | • 「      | • c     |         |         |         |         |      |          | 1                     |
| VARBL                   | , ,   | • .    |        |         |          |         |         |         |         | 1       |      | •        |                       |
| CALM                    |       | $\geq$ |        | ><      | $\times$ | ><      | > <     | $\geq$  |         | $\geq$  |      |          |                       |
|                         | 11.2  | 15.4   | 24.1   | 20.0    | 5.2      | 4       | ۰۰      | . 1     |         | 1       |      |          | •                     |

TE TAE CEIMAFOEGLY RAANCH WEETAC WILLEMITTH SE VIC:XMAC

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| .71     | آل ∶ے                   | . A A.   |          |             |           |             | 7 -          | 1        |                   |              |             |            | U     |                       |
|---------|-------------------------|----------|----------|-------------|-----------|-------------|--------------|----------|-------------------|--------------|-------------|------------|-------|-----------------------|
| STATION |                         |          | STATIO   | N NAME      |           |             |              |          | ٧                 | EARS         |             |            | M     | HTM                   |
|         |                         |          |          |             |           | CLL_ #1     | ATT          |          |                   |              |             |            |       |                       |
|         |                         |          |          |             |           | CL          | .A55         | _        |                   |              |             |            | HOURS | (L 8.7 )              |
|         |                         | -        |          |             |           | CON         | DITION       |          |                   |              | <del></del> |            |       |                       |
|         |                         |          |          |             |           |             |              |          |                   |              |             |            |       |                       |
|         |                         |          |          |             |           |             |              |          |                   |              |             |            |       |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10      | 11 - 16   | 17 - 21     | 22 - 27      | 28 - 33  | 34 - 40           | 41 - 47      | 48 - 55     | ≥56        | *     | MEAN<br>WIND<br>SPEED |
|         | N                       | <u>.</u> | 1.3      | 1.          | 1.8       | • 7         | . 1          |          |                   |              |             | *          |       | 1                     |
|         | NNE                     |          | •        | :<br>•      |           | !<br>•      | ļ<br>•       |          | ·                 | ·            |             | <u> </u>   |       |                       |
|         | NE_                     |          |          |             | 1         | 1           | <u> </u>     |          | ļ                 |              | ·           | İ          |       |                       |
|         | ENE                     | <b>.</b> | •        | 1           | :         |             | ļ            |          |                   | ļ            | ·           |            |       |                       |
|         | €                       | <u></u>  |          |             | <u></u>   |             | <u> </u>     | <u> </u> |                   |              |             |            |       |                       |
|         | ESE                     |          | :<br>    | ļ           |           |             | ļ            | ·        | <u> </u>          |              | •           | <u> </u>   |       |                       |
|         | SE                      |          | <u> </u> |             | L         | <u> </u>    |              | <u></u>  | <u> </u>          |              | <b></b>     | ·          |       |                       |
|         | SSE                     |          | <u>-</u> | ļ           |           |             | <del> </del> | ·        | ·                 |              | ·           | 4          |       |                       |
|         | <b>S</b> _              | 1        | i<br>+   |             | <b></b> _ |             | L            |          | !                 | <u> </u>     | ·           | 1          |       |                       |
|         | SSW                     | 4        | :        |             |           |             | <u> </u>     | ļ        | <u>!</u>          | <del> </del> | ·           | <u> </u>   |       |                       |
|         | sw                      | 1        | ·        | 1           | <u> </u>  |             |              |          | <u> </u>          |              |             |            |       |                       |
|         | wsw                     | ' <br>   | ļ        |             | ļ         |             | ļ            |          | i<br><del>+</del> | <u>+</u>     | <u> </u>    |            |       |                       |
|         | w                       | <b></b>  |          |             |           |             | ļ            |          |                   | +            | <u> </u>    |            |       |                       |
|         | WNW                     | <b>#</b> | <b>↓</b> |             |           | ļ           | <u> </u>     | ļ        |                   | ļ            | ļ           | ij         |       |                       |
|         | NW                      | <b></b>  |          |             | ļ         |             |              |          | 1                 | <u> </u>     | <del></del> |            |       |                       |
|         | NNW                     | 1        | <u></u>  | L           |           |             |              |          |                   |              | ·<br>•      | ·          |       |                       |
|         | VARBL                   |          |          |             |           |             | L            |          |                   |              | L           | أني        |       |                       |
|         | CALM                    |          | ><       | $\geq \leq$ |           | $\geq \leq$ | $\geq \leq$  | > <      | $\geq \leq$       | $\geq \leq$  | $\geq \leq$ | ><         |       |                       |
|         | I                       |          |          |             |           |             |              | 1        |                   | I            | Ī           | [ <b>1</b> |       |                       |

USAFETAC FORM 0-8-5 IOL-A | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

<u>17.1456785712345673701234567893123456789712345678971234567897123456759712345676701234567697</u>127456759717

| PERCENTAGE | FRE | <b>SUEN</b> ( | CY | OF  | WIND |
|------------|-----|---------------|----|-----|------|
| DIRECT     | ION | AND           | SP | EED |      |

|         |                |                          |              |  |  |                    | יט שווח ו    |                  |                                       |                  |                         |              |  |              |
|---------|----------------|--------------------------|--------------|--|--|--------------------|--------------|------------------|---------------------------------------|------------------|-------------------------|--------------|--|--------------|
|         | . 9            | Joseph El                | 4.57         |  | (FROM  | HOURLY             | OBSER        | MOLIAN           | 1,55                                  |                  | .070                    |              |  | . عـ ي       |
|         |                | 5000<br>5833.53          |              |  | J อรน์กอ   |                    |              | 555555           | •                                     |                  | ning?                   |              |  | cioes.       |
|         | E              |                          | , p          | •  |  | CJ.                | 54           |                  | •                                     |                  |                         |              | ~ <b>.</b>   |              |
| STATION | 15             |                          |              | N NAME O                                       |  | 16                 | 5:           |                  | ¥                                     | EARS             | ~,                      | 2.,          |  | ONTH         |
|         | r              |                          |              | •  | J.C  | J.C                | : <u>:</u>   |                  |                                       | -                | .,.7                    | ^            | c  |              |
|         | b              | -<br>اشراف و عط          | 35           |  | - ,  |                    | LASS 355     | 555555           | , =                                   | 7                | <del></del>             |              | HOUM   | 4: (4.5 P.)  |
|         | و              | оч <u>в</u> иле.         | ם כ          | Ź  |  | J 🕽                |              | 555555           |                                       | 5 7              | 2.0                     |              |  | تهويدي       |
|         | ρ              | -                        | F.           | 2  | <b>ា</b> រថ                                      | L CON              | DITION       |                  | y e                                   |                  | <del></del>             |              | j. 2 ±   |              |
|         | : 5            |                          | - <u>T</u> i | , n  | j.,  | 1.00               |              |                  | 51                                    |                  | 20                      | 1 3 5        | 3  |              |
|         |                | _                        | ر            | ,  | 31 (1  | 0.3                | 55           |                  | <u>.</u>                              |                  | <i>.</i> □ .            |              | • • ;  |              |
|         | i              | <u>6</u> 553 <u>63</u> 3 | 846          |  | <u>_10.)U00</u>                                  | iC                 |              | .555 <u>55</u> 5 |                                       |                  | <u>,000033<u>0</u>0</u> | , .          |  | 55085        |
|         | SPEED F        | BABABA                   | 19           |  | ี ∵บถ  |                    |              | 555555           | ۲,                                    | <u>-</u>         | 1000                    |              | " 3  | ME AN        |
|         | (KNTS)<br>DIR. | 1 · 3                    | 4 - 6        | 7 - 10   | 11 - 16  | 17 - 21            | 22 - 27      | 28 - 33          | 34 - 40                               | 41 - 47          | 48 - 55                 | ≥ 56         | *  | SPEED        |
|         | N              | <del>*</del>             | <del></del>  |  | 1  |                    | 1            | <del></del>      |                                       |                  |                         |              | *  |              |
|         | NNE            |                          | !            |  |  |                    |              |                  |                                       | 1                |                         |              |  |              |
|         | NE             |                          | 1            |  |  |                    |              |                  | į                                     |                  |                         |              |  |              |
|         | ENE            |                          | !            | I  | !  | !                  | İ            |                  |                                       | i                |                         |              |  |              |
|         | E              | li .                     |              |  |  |                    |              |                  |                                       |                  |                         |              | 1  | 1            |
|         | ESE            |                          |              |  | 1  |                    |              |                  |                                       | <u> </u>         | +                       |              | Ĭ  | <u> </u>     |
|         | SE             | <u> </u>                 | ļ            | <u> </u>                                       | <u> </u>   |                    | ļ            | <b></b>          |                                       |                  | ·                       |              | <u>+</u>   | <u> </u>     |
|         | SSE            | ∯<br><b>∔</b>            |              | i  | <u> </u>   | ļ<br>              | <b></b>      | ·                | · · · · · · · · · · · · · · · · · · · | L                | ÷                       | <u> </u>     | 4  | ļ. <u> </u>  |
|         | <b>S</b>       | <u> </u>                 | <del></del>  | <del></del>                                    | <del></del>                                      | L                  | <del> </del> | ļ                | !                                     |                  | <del>-</del>            | •——-         | <del> </del>   | <b>-</b>     |
|         | 55W_           | <del> </del>             |              |  | <b></b>  | <del> </del>       | <u> </u>     |                  | <u>-</u>                              | <br><del> </del> | <del>.</del>            | <del>-</del> | <b>4</b>   | <del></del>  |
|         | sw             | #                        | <del> </del> |  | <del> </del>                                     | <u> </u>           | ļ            | <del> </del>     | <del></del>                           | <del> </del>     | <del>-</del>            | <del></del>  | <del> </del>   | <del></del>  |
|         | wsw            | <del> </del>             |              |  |  | 7 6 5              | F. C.        |                  | 55.65                                 |                  | 120 -                   | <del></del>  |  | <del></del>  |
| # #     | * W *          | <b>★</b> .''             | MARC I       | <u> 1 - L                                 </u> | FAHLINE  | 1 NO 1.1           | 1:0          |                  | -P. U.                                | . 2(,            | 1                       |              | 3 + 11 7   |              |
|         | WNW            | <del> </del>             | <del>}</del> | <del> </del>                                   | <del> </del>                                     | ļ.— <del>-</del> — | <del> </del> | <del> </del>     | <del> </del>                          | <del> </del>     | <del></del>             | <del>-</del> | #  | <del> </del> |
|         | NNW            | <del> </del>             | <del></del>  | <del> </del>                                   | <del> </del>                                     |                    | <del> </del> | <del> </del> -   | <del></del>                           | <del> </del>     | <del>}</del>            |              | <del></del>  | <del> </del> |
|         | VARBL          | <del> </del>             | <del> </del> | <del> </del>                                   | <del>                                     </del> | <del> </del>       | <del> </del> | <del> </del>     | <del> </del>                          | <del> </del>     | 1                       | <del></del>  | <b>.</b>   | <b>+</b>     |
|         |                |                          |              |  | $\leftarrow$                                     |                    |              |                  |                                       |                  |                         |              | <b>†</b> ···-  | İ            |
| 1       | CALM           |                          |              |  |  |                    |              |                  | $\leq$                                |                  |                         | +=           | <i>}</i><br><b>♥ ====</b> ================================ | <del> </del> |
|         |                |                          |              | -  |  |                    |              |                  |                                       |                  | i                       | Ì            |  | 1            |
|         |                | <u> </u>                 |              |  | <u> </u>   |                    |              |                  |                                       |                  | <del></del>             |              |  |              |

TOTAL NUMBER OF OBSERVATIONS

| ٠ | State Conden          | 00 IP (₹1 8   | PATT | A MAY YOU      | :     |
|---|-----------------------|---|------|----------------|-------|
|   | FILE SAME & LOFFIALZA | 0-8-5 OL-A - PREVIOUS EDITIONS OF THIS FORM ARE DRSOLET | ₹:   | 14:03:50 NIV 2 | 4,178 |

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION                | STATION NAME YEARS      |              |   |                                       |                                       |          |              |         |             |              |                 |           | м                     |                       |
|------------------------|-------------------------|--------------|---|---------------------------------------|---------------------------------------|----------|--------------|---------|-------------|--------------|-----------------|-----------|-----------------------|-----------------------|
|                        |                         |              |   |                                       | · · · · · · · · · · · · · · · · · · · | C        | ASS          |         | ·           | <del>-</del> |                 |           | HOUR                  | TS (L.S.T.)           |
| 10 34 5 6 <b>7</b> 5 - | 1234                    | 567          | 123455                                  | 7= + 121                              | 2456737                               | 12505    | Hithain≎ c 1 | 234517  | F 20123     | u: f 7 ^     | <u>/01</u> 7349 | . 6 78701 | ^ .4 <sub>9</sub> ,7° | 19 LOIN               |
|                        | SPEED<br>(KNTS)<br>DIR. | 1 - 3        | 4 · 6                                   | 7 - 10                                | 11 - 16                               | 17 - 21  | 22 - 27      | 28 - 33 | 34 - 40     | 41 - 47      | 48 - 55         | ≥ 56      | <b>1</b>              | MEAN<br>WIND<br>SPEED |
| •                      | N<br>NNE<br>NE          | -            | •                                       | •                                     | •                                     |          |              |         |             |              | •               |           |                       |                       |
| -<br> -                | ENE                     | •            |   | •                                     | ·                                     |          |              | ,       |             |              | •               |           | <del>+</del>          | •                     |
|                        | ESE<br>SE               | # · · ·      | <u> </u>                                |                                       | •                                     |          |              | 1       |             |              | •               | ;         |                       |                       |
|                        | SSE                     | <u>.</u>     | · -                                     | · ·                                   | •                                     |          |              |         |             |              | •               |           | <u></u>               |                       |
| -                      | ssw<br>sw               |              | • | · · · · · · · · · · · · · · · · · · · | ļ                                     |          |              |         | • · · ·     |              |                 | <u> </u>  |                       | <del> </del>          |
|                        | WSW_<br>WNW             |              |   | <del>+</del>                          | <u> </u>                              |          | 1            |         | · · · · · · |              |                 |           | <b> </b>              | <u> </u>              |
| -                      | NW NNW                  | <del> </del> |   | -                                     | <u> </u>                              |          |              |         |             |              | •               | -         |                       |                       |
| -                      | CALM                    |              |   |                                       |                                       | <b>X</b> |              | ><      |             | $\sim$       |                 |           |                       |                       |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

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## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|              |                        |                | STATIO   | N NAME                                |              |         |         |             | ٧            | EARS   |              |               | <u> </u> | ONTH                  |
|--------------|------------------------|----------------|--|---------------------------------------|--------------|---------|---------|-------------|--------------|--|--------------|---------------|----------|-----------------------|
|              |                        | _              |  |                                       |              | c L     | ASS     |             | <del></del>  |  | <u>-</u>     |               | HOU      | 48 (L.S.T.)           |
|              |                        | -              |  |                                       |              | CON     | DITION  |             |              |  | _            |               |          |                       |
| (1           | SPEED<br>KNTS)<br>DIR. | 1 · 3          | 4-6  | 7 - 10                                | 11 - 16      | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40      | 41 - 47  | 48 - 55      | ≥ 56          | *        | MEAN<br>WIND<br>SPEED |
|              |                        |                | <del></del>                                      |                                       | :            |         |         | <del></del> | ļ            |  | <del></del>  | <del> </del>  |          |                       |
|              | NNE                    | •              | <del></del>                                      | -                                     | ·            | -       |         |             | <del> </del> | <del> </del>                                     | •            | •             |          | •                     |
| -            | NE                     | •              | <b>+</b>   |                                       | <del></del>  |         |         |             | <del>-</del> | <del>                                     </del> | <del></del>  | <del> </del>  |          | •                     |
| <b>-</b>     | ENE                    | <del> </del>   | ·  | ļ                                     |              |         |         | <b>———</b>  | <del></del>  | <del> </del>                                     | +            | <del>}</del>  |          | +                     |
| -            | E                      |                | -  |                                       |              |         | -       |             |              |  | <del>-</del> | ·             |          | <del></del>           |
| <u> </u>     | ESE                    |                | -  | <del> </del>                          |              |         |         |             |              |  |              | <del></del>   |          | <del></del>           |
| <del> </del> | SE                     |                | •  |                                       |              |         |         |             |              |  | -            | <u> </u>      |          | <del> </del>          |
| $\vdash$     | SSE                    |                |  |                                       |              |         |         |             |              |  |              | <del> </del>  |          | <del> </del>          |
| <b>-</b>     |                        | ·              | ,<br>I   |                                       |              |         |         |             |              |  | <del></del>  | <del>  </del> |          | <del> </del>          |
| 1            |                        | <u> </u>       | <del>                                     </del> | <del> </del>                          |              |         |         |             |              |  | <del> </del> | ·             |          |                       |
|              | SSW                    |                | <del></del>                                      | <del> </del>                          | ļ            |         |         |             |              |  | <del> </del> | <del> </del>  |          | <del> </del>          |
|              | WSW                    |                |  |                                       |              |         |         |             |              |  |              |               |          | <del> </del>          |
| <b></b>      | w                      |                | <del> </del>                                     | · · · · · · · · · · · · · · · · · · · |              |         |         | •           |              | <u> </u>   |              | <del> </del>  |          | ļ                     |
| <b>-</b>     | WNW                    |                | <del>                                     </del> | <del> </del>                          | <del> </del> |         |         |             |              | 1  | <del></del>  | ·             |          | <del> </del>          |
| _            | NW                     |                | <del> </del>                                     | <del></del>                           |              |         |         |             |              |  | <u></u>      | -             |          | <del> </del>          |
| _            | NNW                    | <del>  -</del> |  | <del></del>                           | <del></del>  |         |         |             | ·            |  |              |               |          | <del> </del>          |
| -            | /ARBL                  |                | <del>                                     </del> |                                       |              |         |         |             |              |  | <del> </del> |               |          | ·                     |
| _            |                        |                |  |                                       |              |         |         |             |              |  |              |               |          | <del> </del>          |
| - [ '        | CALM                   |                |  |                                       | $\sim$       |         | $\sim$  | $\sim$      |              |  |              |               |          |                       |

TOTAL NUMBER OF OBSERVATIONS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|       |             | STATIC | N NAME   |               |               |         |         | <u> </u>     | EARS                                  |               |   |             | IONTH        |
|-------|-------------|--------|--|---------------|---------------|---------|---------|--------------|---------------------------------------|---------------|---|-------------|--------------|
|       |             | -      |  |               | CI            | A85     |         |              | · · · · · · · · · · · · · · · · · · · |               |   |             | ** (L S T )  |
|       |             |        |  |               | CON           | DITION  |         |              |                                       |               |   |             |              |
| SPEEL |             | 4 - 6  | 7 - 10   | 11 - 16       | 17 - 21       | 22 · 27 | 26 - 33 | 34 - 40      | 41 · 47                               | 48 - 55       | ≥ 56                                    | 11 ×        | MEAN<br>WIND |
| DIR.  |             |        |  |               |               | 1       |         |              | 1                                     |               |   |             | SPEED        |
| ×     |             | i      | <del>                                     </del> | i             |               |         |         |              | <del></del>                           |               |   | -           |              |
| NNE   |             |        |  | 1             |               |         |         | <del> </del> |                                       |               | <b>-</b>                                | • · · · · · | •            |
| NE    |             |        |  | 1             |               |         |         |              |                                       |               |   |             |              |
| ENE   |             |        |  |               |               |         |         |              |                                       |               |   |             |              |
| E     | 4_          |        |  |               |               |         |         |              |                                       | •             | • · · · · · · · · · · · · · · · · · · · | <u> </u>    |              |
| ESE   | 1           |        |  |               |               |         |         |              |                                       |               |   |             |              |
| SE    |             |        | L  |               |               |         |         | <u> </u>     |                                       |               | •                                       |             | •            |
| SSE   |             |        |  |               |               |         |         |              |                                       | •             | •                                       | ·           | ·<br>•       |
| \$    |             | i      | ļ  | <u> </u>      | <u> </u>      |         |         |              | 1                                     | •             | ;<br>•                                  | <u> </u>    |              |
| ssw   |             | - l    |  | ļ             | ļ             | İ       |         | <br>         |                                       | ·             | ·                                       |             | •            |
| SW    |             |        |  | ļ             | <del> </del>  | İ       |         |              |                                       |               | ·                                       |             | ·            |
| WSW   | <u>/</u>    |        | ļ <u></u>  | <u> </u>      |               |         |         | ·            | •                                     | <u> </u>      | ·                                       | <u>.</u>    | ļ            |
| w_    |             |        | <u> </u>   | <b>_</b>      | <b></b>       | ļ       |         |              | <del> </del>                          | <b></b>       | <del></del>                             | <u></u>     | <u> </u>     |
| WNW   |             |        |  | <u> </u>      | ļ             |         | ļ       |              | ·<br>                                 | L             | <b></b>                                 | )<br>•      | <b> </b>     |
| NW    | <del></del> |        | ļ  | <del> </del>  |               |         |         | i<br>        | ļ                                     |               | ·                                       | ·           | ļ            |
| NNW   |             |        | ļ  | -             | <del> </del>  |         |         |              |                                       | ļ             |   | <b>!</b>    | ·            |
| VARS  | L .         |        | <b>_</b>   | <del></del>   |               |         |         |              | L                                     |               | !<br>بر                                 |             | ļ            |
| CALA  | <b>・</b>    | < $>$  | $\rightarrow$                                    | $\rightarrow$ | $\rightarrow$ | ><      | ><      | ><           | $\rightarrow$                         | $\rightarrow$ |   | !!          |              |

TOTAL NUMBER OF OBSERVATIONS

E AL CETHATQLOUM FRANCH 1740 CATHER SERVICEZHAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

#### SURFACE WINDS

| 1       | LAUF & A. A. | 77-51       |       | Jan.                     |
|---------|--------------|-------------|-------|--------------------------|
| STATION | STATION NAME |             | YEARS | MONTH                    |
|         |              | ALL GEATHER |       | v 20 <del>-</del> 1 , 10 |
|         |              | CLASS       |       | HOURS (L.S.T.)           |
|         |              |             |       |                          |

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|-------------|---------|---------|---------|-----|-------|-----------------------|
| N                       |       | 1.1   | 2.4    | 2.3     | . 1     | • .     |             |         |         | 1       |     | •     | 1                     |
| NNE                     |       | •     | 1.     | • 1     |         |         |             |         |         |         |     |       | •                     |
| NE                      | • 1   |       | c      | 5       |         |         |             |         |         | 1       | i   |       |                       |
| ENE                     |       | 1.7   | 1.7    | , ¢     |         |         |             |         |         |         |     | 1 2 5 | •                     |
| E                       | • •   | 1.4   | 7.5    | 1.5     |         |         |             |         |         |         |     |       | C • 9                 |
| ESE                     | • 1   | • 1   | 1. 7   | 1.2     | • 1     |         |             | I       |         |         |     | • ~   | 5                     |
| SE                      | •     | 1.    | 1.7    | ٠,٥     | • 1     |         |             |         |         |         |     |       | - , 4                 |
| SSE                     | 1.2   | 1.7   | 1.2    | 1.1     |         |         |             |         |         |         |     | •     | - 2 • 1               |
| \$                      | 1.7   | 1 • 1 | 1.9    | 1.4     | • 1     | • 2     |             | 1       |         |         |     |       | • -                   |
| \$\$₩                   | 1.2   | • =   | • K    | 1.5     | ج ،     | • 7     | • 1         |         |         |         |     | •     | 1. • -                |
| SW                      | 1.1   | • 4   | 1.4    | 3.0     | 1.0     | ٠٢      |             |         |         | i       |     | V • 5 | i 1 • /               |
| WSW                     | 1.2   | 1.2   | 1.3    | 1.4     | • 3     | • 3     | • 1         |         |         |         |     | 6.5   | 9.4                   |
| W                       | 1.7   | 1.5   | 1.6    | • 0     | • 5     | • ?     | •1          |         |         |         |     | 6.0   | 9.4                   |
| WNW                     | • :   | 1.0   | 2."    | 1.2     | • 3     | . 4     | • 1         |         |         |         |     |       | 10.3                  |
| NW                      | • 4   | 1.3   | 1.3    | 2.3     | • 7     | • 3     | • 3         |         |         | i       | [   | 7     | 12.                   |
| NNW                     |       | • +   | 1.5    | 1.6     | • 15    | •1      |             |         |         |         |     | 4 • 5 | 12.                   |
| VARBL                   |       | • 1   |        |         |         |         |             |         |         | i       | 1   | • 1   | ٠, •                  |
| CALM                    | ><    | >>    | ><     | ><      | > <     | >>      | $\geq \leq$ | $\geq$  |         |         |     | 17.7  |                       |
|                         | 11.   | 10.6  | 25.4   | 21.1    | 4.7     | 2 • F   | ٩٠          |         |         |         |     | i "   |                       |

TOTAL NUMBER OF OBSERVATIONS

UL HAE CLIMATOLIDAY LEANCH
LUCUTAC
ACTUACTOR SERVIC ZMAC PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1       | LAUFS AT AL  | 77-31       |       | v              |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | MONTH          |
|         |              | ALL VEATHER |       | j ** ^+, y^*   |
|         | <del></del>  | CLASS       |       | HOURS (L.S.T.) |
|         |              | CONDITION   |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3                                   | 4 - 6 | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47  | 48 - 55 | ≥ 56     | *          | MEAN<br>WIND<br>SPEED |
|-------------------------|---|-------|----------|---------|---------|----------|---------|---------|----------|---------|----------|------------|-----------------------|
| N                       | •                                       | • '   | 1.4      | 2.0     | . 4     |          |         |         |          |         |          |            | 1 7.4                 |
| NNE                     | ••• ··· ··· ··· ··· ··· ··· ··· ··· ··· | • '   | 1 . 7    | • 7     |         |          |         |         |          |         | !        | 2.5        | 7 • 2                 |
| NE                      |   | •     | 1.2      | • 7     |         |          |         |         |          |         |          |            | 7.                    |
| ENE                     |   | 1.    | 1.1      | 1.1     |         |          |         |         | 1        |         |          | 7.1        | 7 • <u>1</u>          |
| E                       |   | 1.    | 2.2      | 7.0     |         |          |         |         |          |         |          | ذ و د      | ₹.7                   |
| ESE                     | • -                                     | • *   | 1.2      | 1.0     |         |          |         |         | <u> </u> |         |          | 3.3        |                       |
| SE                      | •                                       | • 5   | • =      | 1.3     | • 1     |          |         |         |          | !       |          | 3.1        | • 5                   |
| SSE                     | . •                                     | 1.    | 1.2      | 1.5     |         |          |         |         |          |         |          |            | 7.1                   |
| \$                      | 1.7                                     | 1.5   | 1.1      | 1.3     | • 2     | • 7      |         |         |          |         |          | 5.00       | 9 • l                 |
| ssw                     | •                                       |       | 1.7      | ۶       | . 4     | • 1      | • 1     |         | Ĭ        |         |          | 4          | 16.1                  |
| sw                      | 1.7                                     | •     | l.r      | 1.4     | 1.7     | • t      | • 1     |         |          |         |          | 7 • •      | 1009                  |
| wsw                     | 1.3                                     | • 7   | 1.5      | 2.€     |         | • E      | • 1     |         |          |         |          | 3.t        | 1 - • 4               |
| w                       | 1.7                                     | 1 • 3 | 1.4      | 1.2     | 2.      | • 2      |         |         |          |         | 1        | ا نہ وں    | 1.4                   |
| WNW                     | . 4                                     | 1.2   | 2.3      | 1.1     | • 5     | •6       | • 1     |         |          |         | <u> </u> | 5.         | 11.1                  |
| NW                      | . 4                                     | 1.1   | 1.0      | 1.0     | 1.2     | 1.7      | • 2     | • 1     |          | İ       |          | <b>و ي</b> | 1 ! • *               |
| NNW                     | • 1                                     | • ?   | 2.4      | 2.3     | • 5     | • 5      |         |         |          |         | <u> </u> | 0.5        | 12.7                  |
| VARBL                   | , ,                                     |       |          |         |         |          |         | L       |          | Ĺ       |          | • ~        |                       |
| CALM                    |   | ><    | $\geq <$ | ><      | ><      | $>\!\!<$ | ><      |         |          |         | ><       | 17.4       |                       |
|                         | 11.2                                    | 15.4  | 24.1     | 20.0    | 5 • 2   | , •      | . 8     | • 1     |          |         |          | 110.0      | 5.                    |

TOTAL NUMBER OF OBSERVATIONS

LE HAL CEIMATCES Y PRANCH. LE SITAS

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| : 1     | UNUEU AL AZ  | 77-81        | خ ل            |
|---------|--------------|--------------|----------------|
| STATION | STATION NAME | YEARS        | MONTH          |
|         |              | ALL , [ATHLD | italin = lank  |
|         |              | CLASS        | HOURS (L.S.T.) |
|         |              | CONDITION    |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40  | 41 - 47  | 48 - 55 | ≥ 56     | 3<br>3 <b>%</b> | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|--------|---------|---------|---------|-------------|----------|----------|---------|----------|-----------------|-----------------------|
| N                       | , ,         | 1.          | 1.5    | 1.5     | . 7     | • 1     |             |          |          |         |          |                 | 1                     |
| NNE                     | • 1         | 1.7         | 1.0    | . 4     |         |         |             |          |          |         |          |                 | 7 . 5                 |
| NE                      |             | 1.7         | •      | • ?     |         |         |             |          |          |         |          | • -             | 7.0                   |
| ENE                     | •           | • ?         | 1 • 4  | 1.7     |         |         |             |          |          |         |          | •               | 7.1                   |
| E                       | 7           | 1.4         | J. 1   | ₹•0     |         |         |             |          |          |         |          | 5.5             | 3.1                   |
| ESE                     | • 1         | • "         | 1 • 4  | 1.3     |         |         |             |          |          |         |          | 1. 1            | ું કુ દ               |
| SE                      | •           | •           | 1.7    | • ŧ     |         |         |             |          |          |         |          |                 | 7 • !                 |
| SSE                     | •           | 1.4         | • 9    | 1.1     |         |         |             |          |          |         |          |                 | 7.3                   |
| S                       | 2.4         | 1.          | 1.0    | 1.6     | . 4     |         |             | t        |          |         |          | <u>1</u>        | 7.7                   |
| ssw                     | 1.4         | 1.7         | • 6    | 1.7     | • "     | • .7    |             | ]<br>    | i<br>*   | ·       |          | 4.4             | ., 🔾                  |
| 5W                      |             | • '         | 1.3    | 1.6     | • 5     | • 6     | . 7         |          | 1        |         |          |                 | 12.4                  |
| wsw                     | i • .       | 1.0         | 1 • 1  | و و     | • 2     | . 3     |             | ·        | ·        |         |          | 4.:             | ·• 1                  |
| w                       | 1.1         | 3.          | 1.4    | 1.6     | ۵ و     | • ?     |             | <u> </u> | !        |         | <u> </u> | <u> </u>        | 1, • 7                |
| WNW                     |             | 1.4         | 1.7    | 1.8     | . 4     | . 5     |             |          |          |         |          | <u>0 5•5</u>    | 14                    |
| NW                      |             | • 3         | 1.7    | 1.4     | • F.    | 1.5     | • [         | <u> </u> | Ĺ        |         | İ        | <u> </u>        | 14.                   |
| NNW                     |             | • 1         | 2.4    | 2.2     | 1.0     | • 6     |             |          | <u> </u> | ļ       | <u> </u> |                 | 13.6                  |
| VARBL                   | • 1         |             |        |         |         |         | <u> </u>    |          | <u> </u> |         | <u>i</u> | • 1             |                       |
| CALM                    | $\supset <$ | $\supset <$ | ><     | ><      | ><      | ><      | $\geq \leq$ |          |          |         |          | 1: • 2          |                       |
|                         | 11.0        | 16.         | 23.5   | 20.€    | 4.7     | 4.3     | . 9         |          |          |         |          |                 | -5 • i                |

TOTAL NUMBER OF OBSERVATIONS

SE AL METMATOLOGY FLANCH METHO ST FATH - SERVICEZMAK

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| :       | LIDE: A A. |              | 70-81      | 70-21 |                |  |
|---------|------------|--------------|------------|-------|----------------|--|
| STATION |            | STATION NAME |            | YEARS | MONTH          |  |
|         |            |              | ALL PEATHE |       | 0.07-110       |  |
|         |            | <del>-</del> | CLASS      |       | HOURS (L.S.T.) |  |
|         |            |              | CONDITION  |       |                |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16      | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 |       | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|--------------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | •     | 1.7   | 2.2    | 1.0          | • ?     | • 1     |         |         |         |         |      |       | 1                     |
| NNE                     |       | 1.    | 1."    | • 7          |         |         |         |         |         |         |      |       | 7.00                  |
| NE                      |       | 1.0   | • 0    | • l          |         |         |         | ĺ       |         |         | :    | • •   | 5 • €                 |
| ENE                     | . 1   | •     |        | • '          |         |         |         |         |         |         |      |       | 1.97                  |
| E                       | • .   | • 5   | 2.t    | ?.0          | . 7     |         |         |         |         | Ī       |      |       | 1 . • 6               |
| ESE                     | . 1   | . 4   | 1.^    | ٠ <u>.</u> ١ |         |         |         |         |         |         | ı    | J • • | 1 • •                 |
| SE                      | • '   | • 0   | 1.7    | • 3          | • 5     |         |         |         | I       |         |      | 4.5   | •                     |
| SSE                     | 1.0   | 1.0   | • ¢    | 1.5          | • 7     |         |         | I       |         |         |      | 1     | 7 • 4                 |
| S                       | . 1   | 7.    | 2.4    | 5 ° t        | • ti    |         |         |         |         |         |      |       | 7.0                   |
| SSW                     | 1.    | 1.4   | ٠,٠    | • 6          |         |         |         |         |         |         |      |       | 1 4                   |
| SW                      |       | 1.5   | 1.1    | 7.2          | • .     | . 44    | • 1     |         |         |         |      | Մ շ•  | 10.                   |
| wsw                     | • -   | 1.    | 2.2    | ٥            | • 5     | • 1     |         | i       |         |         |      | • -   | ´ • •                 |
| w                       | •     | 2.4   | 2.7    | • {          | . 4     |         | • 1     |         |         |         |      | ₽•″   | _ 5.                  |
| WNW                     | • 4   | 1.4   | 7.7    | 2.5          | . 4     | • 1     |         |         |         |         |      | 7.3   | 1 .1                  |
| NW                      | • 1.  | • 6   | 2.6    | 2.9          | • 3     | 1.2     | • 1     | Ĭ       |         |         |      | • 3   | 1                     |
| NNW                     | • `   | • 3   | 1.6    | 3.0          | ٥       | • 6     | • 2     |         |         | :       |      | € • • | 1 4 + 1               |
| VARBL                   |       |       |        |              |         |         |         | I       |         | 1       |      |       |                       |
| CALM                    | ><    | ><    | ><     | ><           | ><      | ><      | ><      |         |         |         | ><   | 11.7  |                       |
|                         | , ,   | 13.1  | 29.4   | 25.4         | 5.4     | 2.(     | • 5     |         |         |         |      |       | ,                     |

TOTAL NUMBER OF OBSERVATIONS

... FAL CLIMATCLO P. JATCH ... P. F. Tan. H. EATHS - SERVIC ZONC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| YEARS       | MONTH                                   |
|-------------|---|
| ALL WEATHLY | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |
| CLASS       | HOURS (LST)                             |
|             |   |
|             | ALL NEATHER CLASS                       |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10   | 11 - 16          | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55     | ≥ 56        | . *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|----------|------------------|---------|----------|---------|----------|---------|-------------|-------------|---------|-----------------------|
| N                       | • 1   | 1.7   | 7.7      | 7.2              | • 3     | • -      | • 1     |          |         | <del></del> |             | *       | 1 • 6                 |
| NNE                     | •     | • 3   | 1.0      | • 7              |         |          |         |          |         |             | <del></del> |         | ***                   |
| NE                      |       | • 4   | 1 .      | • ?              |         |          |         | <u> </u> |         |             |             |         | •                     |
| ENE                     | • •   | 1.4   | 1.2      | 1.2              |         |          |         |          | Ţ       |             |             | •       | 1                     |
| ŧ                       | - 5   |       | 3.2      | 3 • 1            | • 1     |          |         |          |         |             |             | •       |                       |
| ESE                     |       | • `   | 1.0      | 1.3              | • 1     |          |         | I        |         |             |             |         | 1:.1                  |
| SE                      | •     | , b   | 1.7      | 2.2              | • 1     | • .      |         | i        |         |             |             | 2.      | 9.1                   |
| SSE                     |       | 2.5   | 7.       | ] • <sup>e</sup> | . 7     |          |         |          |         |             |             |         | į . w                 |
| \$                      | • .   | 1.7   | 3.5      | 7 . 4            | • 65    | •        |         |          |         | 1           |             | 1       | 1                     |
| ssw                     |       | 1.0   | •        | 1.1              | • 7     | • ₹      |         | T        |         |             |             |         | 11.f                  |
| sw                      | , 7   |       | 1.6      | 2.7              | • 3     | • (      | • 「     | 1        |         |             |             | •       | 1                     |
| wsw                     | • .   | 1.    | 2.       | 2.€              | • 17    |          |         | 1        |         |             |             | •       | 1 .                   |
| w                       | . 1   | 1.    | 1.4      | 1.4              | • 5     | •        | • 1     | L        |         | i           |             | 4.      | 11.                   |
| WNW                     |       | • 3   | 2.7      | 4.2              | 1.0     | • 1      | • 1     |          |         |             |             |         | 11.                   |
| NW                      | •     | 1.1   | 7.1      | 5.02             | а<br>•  | 3        | • 1     | 1        |         | i           |             | 1 : • * | 17.1                  |
| NNW                     |       | • ^   | 2.3      | 1.6              | 1.1     | G<br>•   |         |          |         |             |             | 7       | 1 .3                  |
| VARBL                   |       |       | •        |                  |         |          |         |          |         |             |             | Ī•      | • "                   |
| CALM                    | ><    | ><    | $\geq <$ | ><               | >>      | $\times$ | ><      |          |         |             |             | ?       |                       |
|                         | 5.0   | 17.5  | 32.9     | 33.8             | 6.3     | 3.7      | 1.0     |          |         |             |             |         | 1: • 7                |

TOTAL NUMBER OF OBSERVATIONS

PARTOLINATOLING CHEMANCH

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| . [4]                   | . A L        |        |               |             |         | 7          | 9 4     |                                       |          |             |             |                    |                       |
|-------------------------|--------------|--------|---------------|-------------|---------|------------|---------|---------------------------------------|----------|-------------|-------------|--------------------|-----------------------|
| rion                    |              | STATIO | NAME          |             |         |            |         | Y                                     | EARS     |             |             | т.                 | IONTH                 |
|                         |              |        |               |             | ALL E   | A Trib.    |         |                                       |          |             |             |                    | -17                   |
|                         | <del>.</del> |        |               |             | CL      | .A55       |         |                                       |          |             |             | HOUR               | S (L S.T.)            |
|                         | -            |        |               | <del></del> | CON     | DITION     |         |                                       |          | <del></del> |             |                    |                       |
|                         |              |        |               |             |         |            |         |                                       |          |             |             |                    |                       |
|                         | _            |        |               |             |         |            |         |                                       |          |             |             |                    |                       |
|                         | <del> </del> |        |               |             |         |            |         |                                       |          |             |             | n                  |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3        | 4 - 6  | 7 - 10        | 11 - 16     | 17 - 21 | 22 - 27    | 28 - 33 | 34 - 40                               | 41 - 47  | 48 - 55     | ≥ 56        | *                  | MEAN<br>WIND<br>SPEED |
| N                       | 1            | 1.     | 2.3           |             | • 4     | • 1        |         |                                       |          |             |             |                    | 1                     |
| NNE                     |              | 1.     |               |             |         |            |         |                                       | 1        |             |             |                    |                       |
| NE                      |              | 1.0    | 2.3           | , L         | • 1     |            |         |                                       |          |             |             |                    |                       |
| ENE                     | • -          | 1.     | 1.1           | 1.          | _       |            |         |                                       |          |             |             | •                  |                       |
| E                       | • 1.         | 2.     | 7.            | ي و د       |         |            |         |                                       |          |             |             |                    |                       |
| ESE                     |              | 1.     | 1.3           | • =         |         |            |         |                                       |          | •           | •           |                    | 7.7                   |
| SE                      | •            | 2 • 4  | 1.7           | 1.0         | • 1     |            | ;       |                                       |          |             | •           | •                  | • •                   |
| SSE                     | • ti         | 1.5    | 3.2           | 1.3         | - 5     | • .        | • 1     |                                       |          |             | •           |                    | •                     |
| s                       | . 7          | 1.7    | 2.2           | 7.3         | . 5,    | • 1        |         |                                       |          | •           |             |                    |                       |
| ssw                     | • 1          | 1.7    | 1.5           | • t         | • ?     | . 4        | • 7     |                                       |          |             |             |                    | 1."                   |
| sw                      | . 14         | • 5    | 1.4           | 7.0         | • 1     | . F.       | • 1     | • ì                                   |          | <del></del> |             | ·                  |                       |
| wsw                     | •            | •      | 1.7           | 2.6         | • *     | • i        |         | • 1                                   |          |             |             |                    | 11.                   |
| w                       | ٤            | 1.2    | 1.0           | 1.7         | . 4     |            |         | · · · · · · · · · · · · · · · · · · · |          |             | • ·         |                    |                       |
| WNW                     | . 1          | 1.1    | 4.2           | 2.0         | 1.4     | • 1        |         |                                       |          | !           | <del></del> | •                  | 1                     |
| NW                      |              | 1.0    | 4.5           | 3.5         | • ?     | , <u>;</u> |         | -                                     |          | ;           | <del></del> | <b>*</b>           | 11.                   |
| NNW                     | ,            | 1.7    | 1.0           | 7.4         | 1.2     | • £        |         |                                       | <u> </u> | <del></del> | ·           | <u> </u>           | ·                     |
| VARBL                   | .1           | • 5    |               |             |         |            |         |                                       |          | <u> </u>    | 1           | • • • <del>-</del> |                       |
| CALM                    |              |        | $\overline{}$ |             |         |            |         |                                       |          |             |             | +                  |                       |

TOTAL NUMBER OF OBSERVATIONS

AL TETRATOLOGIC PRACE

ATHER SERVICE/ +AC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         | _           |          |        |             | w <u>L</u> |         |         |         |         |          |      |       | <u></u>               |
|-------------------------|-------------|----------|--------|-------------|------------|---------|---------|---------|---------|----------|------|-------|-----------------------|
|                         |             |          |        |             | CL         | .A55    |         |         |         |          |      | HOUR  | s (L.S.T.)            |
|                         | -           |          |        | <del></del> | CON        | DITION  |         |         |         |          |      |       |                       |
|                         | -           |          |        |             |            |         |         |         |         |          |      |       |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10 | 11 - 16     | 17 - 21    | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55  | ≥ 56 | , %   | MEAN<br>WIND<br>SPEED |
| <u>N</u>                |             | 1.       | 1.5    | €           |            |         |         |         |         |          |      |       | 11.                   |
| NNE                     |             | • •      | •      | • .         |            |         |         |         |         |          | -    |       | 1.1                   |
| NE                      | • •         | 1        | 1.5    |             |            | i .     |         |         |         |          |      |       |                       |
| ENE                     | i           | • `      | 1.7    |             | ·          |         |         |         | ĺ       |          |      | •     | •                     |
| E                       |             | • :      | 2.0    | 2.4         |            |         |         |         |         |          |      |       |                       |
| ESE                     | • 1         | • '      | 2.5    | 1.7         | • ?        |         |         |         |         |          |      | • • • | •                     |
| SE                      | •           | 1 • 1    | 1      | • 4.        |            |         |         |         | 1       |          |      | . • • | · • :                 |
| SSE                     |             | 1.4      | 2.5    | 1.(         | • •        | • 1     |         |         |         |          |      |       | • .                   |
| S                       | 1           | 1.       | 1.9    | 1.7         | • 7        | • 1     |         |         |         |          |      |       | • :                   |
| ssw                     | •           | ٠,       | 1.8    | . 4         | . 4        | • 1     | • !     |         | i       | <u> </u> |      | 4.1   | •                     |
| sw                      | 1 . 4       | 1.5      | ) • 7  | 1.2         | •          | • :     | •       |         |         |          |      | •     | •                     |
| wsw                     | 1 • •       | 1.7      | 1896   | 11          | . 4        |         |         | • 1     |         |          |      | • .   | •                     |
| w                       | 1.          | 1.       | 2.4    | 1.2         | • 7        |         |         |         | •       |          |      |       | 1 • 11                |
| WNW                     |             | 2 • 3    | 2.7    | 1.0         | • :        | l       |         |         |         |          |      | _ •   | • 1                   |
| NW                      | •           | • 4      | 2.2    | 7.4         | • "        | ۰       |         |         |         | 1        |      | •     | 11.                   |
| NNW                     | •           | • .)     | 1.9    | 1.5         | 1.1        | • 5     |         |         |         |          |      | . •   | 1.0                   |
| VARBL                   | • .         | • 1      | • 3    | • 1         |            |         |         |         |         |          |      | •     | ,                     |
| CALM                    | $\supset <$ | $>\!\!<$ | ><     | ><          | > <        | ><      | ><      | ><      | ><      |          |      | 1 • . |                       |
|                         |             |          |        |             |            |         | >       |         |         | <u></u>  |      |       | ·                     |

TOTAL NUMBER OF OBSERVATIONS

to AN OLTHATOLOUS - ANDH CHITAT

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1       | ن ۵ شر تواني | 7 2         |       | . **        |
|---------|--------------|-------------|-------|-------------|
| STATION | STATION NAME |             | YEARS | МОМТН       |
|         |              | TUE WEATHER |       | 1 - 1       |
|         | -            | CLASS       |       | HOURS (LST) |
|         |              |             |       |             |
|         |              | CONDITION   |       |             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21     | 22 - 27        | 28 - 33 | 34 - 49  | 41 - 47 | 48 - 55 | ≥ 56 |       | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|-------------|----------------|---------|----------|---------|---------|------|-------|-----------------------|
| N                       |       | •     | 2.5    | 1,4     |             |                |         |          |         |         |      |       | 1. • ••               |
| NNE                     |       | •     | •      |         |             |                |         |          |         |         |      | /.    | ' • ì                 |
| NE                      | •     | •     | 1.4    | • 6     | • ~         |                |         |          |         |         |      |       |                       |
| ENE                     | • !   | . 4   | 1.7    | • 0     |             |                |         |          | 1       |         |      | • 1   | • '                   |
| E                       | •     | • 14  | 2.€    | 7.6     | • .         |                |         |          |         |         |      | Ī     | : • 1                 |
| ESE                     | • 1   | •     | 1.6    | 1.4     | • 1         |                |         |          |         |         |      | 1     | r • 1                 |
| SE                      | • •   | • 1   | 1.6    | • c     | • 1         |                |         |          | !       |         |      |       | > • -                 |
| SSE                     | 1     | 1.4   | 1.4    | 1.5     |             |                |         |          |         |         |      |       | 7.                    |
| S                       | 1.7   | 1.    | • r    | 1.5     | •6          | • *            | • 1     |          |         |         |      | •     |                       |
| ssw                     | •     | • •   | 1.4    | 1.2     | • 4         | . 4            | • 3     |          | i       |         |      | V • 5 | 11.                   |
| sw                      | 1 . 7 | 1.1   | 2.0    | 1.4     | • ^         | , <sup>3</sup> | ?       |          |         |         | Ī    | 7.1   | : •                   |
| wsw                     | 1     | 1.5   | 1.2    | 1.3     | • `         | • •            | . 1     |          |         |         |      |       | \$ • ₹                |
| w                       | 1.    | 1.7   | 1.7    | ٦.      | <u>.</u> [4 | 7              | • 1     | • i      | 1       |         |      | •     | y • 7                 |
| WNW                     | • '   | 1.3   | 2.7    | 1.5     | • 4         | • 1            |         | • 1      |         |         |      |       | 1                     |
| NW                      | •     | 1.4   | 1.4    | 1.2     | 1.          | . 4            |         |          |         |         |      |       | 11.3                  |
| NNW                     | •     |       | 1.7    | 7.4     | • 4         | • 2            |         |          |         |         |      | 1     | 11.0                  |
| VARBL                   | •     |       |        | • i     |             |                |         |          |         |         |      | 7.    | `•                    |
| CALM                    |       | ><    | ><     | ><      | ><          | ><             | ><      | $\geq <$ |         |         |      | 10.   |                       |
|                         | 10.4  | 14.   | 27.1   | 21.0    | 6.3         | 32             | ئ       | • .7     | • 1     |         |      |       | •                     |

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | رائيدن المارائيدن | 7"-61       | J., *          |
|---------|-------------------|-------------|----------------|
| STATION | STATION NAME      | YEARS       | MONTH          |
|         |                   | BLL PEATHOR | غرا            |
|         |                   | CLASS       | HOURS (L.S.T.) |
|         |                   |             |                |
|         |                   | COMPUTION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27  | 28 - 33 | 34 - 40     | 41 - 47  | 48 - 55                               | ≥ 56                                       | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|--------|---------|----------|----------|---------|-------------|----------|---------------------------------------|--|----------|-----------------------|
| N                       |             | 1.1      | 2.1    | 2.5     | . 4      | • 7      | •       |             |          |                                       |  |          | 1                     |
| NNE                     | 1           | • "      | 1 • 1  | • 2     |          |          |         |             |          |                                       |  | 1        | 7.1                   |
| NE                      | • .         |          | 1.7    | . 4     | • `      |          |         |             | ļ<br>    | i<br>•                                | !  |          | 7                     |
| ENE                     | • •         | •        | 1.5    | • c     |          |          |         |             | <u> </u> |                                       |  |          | •• ?                  |
| E                       |             | 1.7      |        | 2.5     | . 1      |          |         |             |          | <u> </u>                              | ·<br>• • • • • • • • • • • • • • • • • • • | 7.1      | 2 9 44                |
| ESE                     | . 1         | • '      | 1.5    | 1.3     | • 1      |          |         |             |          | ·                                     | !  |          | •                     |
| SE                      | • *.        | 1 •      | 1.7    | 1.1     | • 1      | • ^      |         |             |          |                                       |  | • 1      | 3 • f                 |
| SSE                     | 1 • 1       | 1.       | 1.     | 1.2     | • 1      | • 1      | • 1     |             | <u> </u> | <b>.</b>                              |  | , • •    | 7 • •                 |
| 5                       | 1.1         | 1.       | 1.0    | 2.1     | • 6      | • ?      | • `     |             | ·        | ·                                     |  | • 7      | · • 3                 |
| ssw                     | •           | • 3      | 1.1    | • 0     | • 4      | • ?      | • 1     | <u> </u>    | ·        | •                                     | •  | <u> </u> |                       |
| sw                      | 1.          | • )      | 1.     | 1.8     | • 5      | • .      |         | • '         | <u> </u> |                                       | ·<br>•                                     | •        | 11                    |
| wsw                     | •           | 1 • 1    | 1 • f. | 1.5     | • 5      | 3.3      | • ~     | •_          | :        | · · · · · · · · · · · · · · · · · · · | ·  | •        | 1                     |
| w                       | 1.3         | 1.,      | 1.7    | 1.1     | • 5      | • ?      | • 1     | • ^         | •        | ļ                                     |  | * • +    | •                     |
| WNW                     |             | 1.4      | 2.5    | 7.2     | • 7      | • 7      | • 1     | • '         |          |                                       |  | 7.4      | 1*                    |
| NW                      | • .         | • •      | 2.04   | 2.5     | ٥        | • 7      | • 2     | • :         |          | -                                     | <u> </u>                                   |          | 1                     |
| NNW                     | •           | ٠        | 1.8    | 2.7     | • a      | • ".     | • 7     |             | ļ        |                                       | ·  |          | 1000                  |
| VARBL                   | . 1         | • 1      | • 1    | • lī    |          |          |         |             | <u> </u> | <u></u>                               |  | • 3      | <u> 5 • ≒</u>         |
| CALM                    | $\geq \leq$ | $\times$ | ><     | X       | $\times$ | $\times$ | ><      | $\geq \leq$ |          |                                       |  | 1        |                       |
|                         | ء ,         | 17.5     | 28.0   | 24.0    | 5.6      | 3.4      | . 7     | • 1         | • *      |                                       |  | 1        | 4.0                   |

E TAE OLIMATOLOUS HEAMON POSTEO Disconsiteral Servicussas

VARBL

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         |       |       |        | <u> </u> | ALL     | ATH: 7  |         |          |         |             |     |          | <del></del>       |
|-------------------------|-------|-------|--------|----------|---------|---------|---------|----------|---------|-------------|-----|----------|-------------------|
|                         |       |       |        |          |         |         |         |          |         |             |     | HOUR     | 15 (L.S.          |
|                         |       |       |        |          | CON     | DITION  |         |          |         | <del></del> |     |          |                   |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55     | ≥56 | *        | ME.<br>WII<br>SPE |
| N                       | • 1   | • '   | • -    | 1.€      | . 7     | • 5     | . 1     | • 1      |         |             |     |          | 1 •               |
| NNE                     | • 1   | • ?   | . 7    | . 4      |         |         |         |          |         |             |     |          |                   |
| NE                      |       |       | . 2    | • 4      |         |         |         |          |         |             |     |          | . !               |
| ENE                     |       |       |        |          |         |         | i       |          |         |             |     | 1        |                   |
| ŧ                       |       | •     |        | •2       |         |         |         | Ĭ        |         |             |     | 1.       |                   |
| ESE                     | • «'  | • 1   | 1.5    | . 0      |         |         |         |          |         |             |     |          | 1                 |
| SE .                    | •     | 1.2   | • 7    | • 5      | • 2     |         |         |          |         |             |     | • 1      | j _               |
| SSE                     | •     | 2 • 1 | 1.6    | • 0      | . 4     |         | i<br>   |          |         |             |     | <u> </u> | <u> </u>          |
| S                       | • 7   | 2 • " | 1.3    | 1.3      | • c.    |         |         |          |         |             |     | • -      | Ι                 |
| ssw                     | 1.1   | 1.1   | 1 • 1  | 2.4      | . 0     | • (     | İ       | 1        | I       |             |     | 7.5      | 1                 |
| sw                      | 1.    | . 3   | 1.5    | 7.5      | ٥,      | • 4     | • ?     |          |         |             |     | , •      | li                |
| wsw                     | • *   | 1.    | 1.2    | 2 • ₽    | 2.1     | • 6     | . 1     | i        |         |             |     |          | 1                 |
| w                       | •     | 2.7   | 2.6    | 1.9      | • 6     |         | • 1     | <u> </u> |         | L           |     | 7        | <u> </u>          |
| WNW                     | •     | 1.5   | 1.4    | 2.B      | • a     | • 5     |         |          |         |             |     | 7.4      | 1                 |
| NW                      |       | 1.1   | 1.4    | 2.       | • 5     | • 5     |         | 1        |         |             |     | 5.7      | <u> </u>          |
| MANA                    | -     | 1.    | 7      | 2 0      | 7       | -       | 2       |          | I       | !           |     | 1 1      | ,                 |

TOTAL NUMBER OF OBSERVATIONS

. 4

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | LAUFE AT AL  | 77-81       | # <b>(</b>                  |
|---------|--------------|-------------|-----------------------------|
| STATION | STATION NAME | YEARS       | MONTH                       |
|         |              | ALL KLATHET | . <b>\$</b> 01 <b>+</b> 25€ |
|         |              | CLASS       | HOURS (L.S.T.)              |
|         |              |             |                             |
|         |              | CONDITION   |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16    | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47  | 48 - 55 | ≥ 56     | *      | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|------------|---------|---------|---------|---------|----------|---------|----------|--------|-----------------------|
| N                       |       | . `   | • (    | 27         | . 4     | •       | • 2     | • 1     |          |         |          |        | 10.0                  |
| NNE                     |       | •     | • *    | . 4        |         |         |         |         |          |         |          | 1.4    |                       |
| NE                      |       | • "   | . 4    | . 4        |         |         |         |         |          |         | į į      | 1.1    |                       |
| ENE                     | •     | • 1   | • (    | • 1        |         |         |         |         |          |         |          | • 3    | 7.4                   |
| Ε                       | • 1   | ٠ ٦   | • 3    | • 7        |         |         |         |         |          |         |          |        |                       |
| ESE                     |       | • -   | 1.7    |            |         |         |         |         |          |         | 1        | 1 • 1  | 7• ⊑                  |
| SE                      | • :-  | 1.5   | . 7    | ٠٥         | • 1     |         |         |         |          | !       | 1        | ] . 7  | J. 1                  |
| SSE                     | 1.5   | 2.    | 1.2    | • 6        | e li    |         |         | 1       |          |         |          | 1 5.7  | t.                    |
| 5                       | • 7   | 1.5   | 1.6    | • 7        | • t     | • "     |         |         |          |         |          | 5      | > •                   |
| ssw                     | • 7   | . 7   | 1.4    | 7.7        | . 4     | • 7     | • 4.    | !       | 1        |         | <u> </u> | 7.1    | 12.5                  |
| sw                      | • 4   | 1 • 4 | 2.5    | • ?        | 2 • □   |         | • F     |         |          |         |          | 1. • 5 | 13.                   |
| wsw                     | , ý   | 2.0   | 2.4    | 2.6        | 2.1     | . 4     | • 1     |         | !        |         |          | 1 • 4  | 11.7                  |
| w                       | 1 • 3 | 2.    | 2.7    | 1.3        | • 0     |         |         |         | <u> </u> |         | İ        |        | 9.                    |
| WNW                     | • t·  | 1.1   | 1.9    | 2.5        | 1.1     | • f     |         |         |          |         | Ĺ        | 7.0    | 1                     |
| NW                      | • 1   | 1.    | 1.     | 1.6        | Ç       | • F     | . 1     |         |          |         | j        | z • 1  | 1.00                  |
| NNW                     | • 1   | • 2   | 1.2    | 2.2        | • ?     | . 6     | • 2     |         | I        |         |          | را ور  | 14.7                  |
| VARBL                   | . 4   |       |        | <u>•</u> 1 |         |         |         |         |          |         |          | • 5    | 4 .                   |
| CALM                    |       | ><    | > <    | ><         | ><      | > <     | ><      |         |          |         |          | 17.4   |                       |
|                         | 7.7   | 16.5  | 20.3   | 21.5       | 9.5     | 5.2     | 1.4     | • 1     |          |         |          | 100.3  | ,,,                   |

TOTAL NUMBER OF OBSERVATIONS

L PAL CLIMATOLOLY PARICH PARTITAC ACCURATES SERVICINAGE

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUE, AN AS  | 77-91       | Fį                    |
|---------|--------------|-------------|-----------------------|
| STATION | STATION NAME | YEARS       | MONTH                 |
|         |              | ALL SEATHER | 500 <del>-</del> 1800 |
|         |              | CLASS       | HOURS (L S.T.)        |
|         |              |             |                       |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55     | ≥ 56        | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|--------|---------|---------|----------|----------|-------------|-------------|-------------|-------------|----------|-----------------------|
| N                       |          | •        | 1.0    | 2.5     |         | . 7      | • ?      |             |             |             |             |          | 14.                   |
| NNE                     |          | •        | • "    | • 1     |         |          |          | !           |             |             |             | 1        | 7.1                   |
| NE                      | • 1      | • 1      | • 7    | . 4     |         |          |          | 1           |             |             | i           | 1.       | 2 • €                 |
| ENE                     |          |          | • 7    | • 1     |         |          |          |             |             |             |             | . •      | 10.7                  |
| E                       |          | • ,      | 1.2    | • €     |         |          |          |             |             |             |             | 7        | 5 • ₹                 |
| ESE                     |          | • 1      |        | . 4     |         |          |          |             |             |             | 1           | , î      | 7 a L                 |
| SE                      | • '      | 1.2      | • 7    | _ • 2   | #       |          |          |             |             |             | 1           | 3.1      | 7.5                   |
| SSE                     | 1.       | 1.4      | 1.4    | . 2     | • 4     | • 1      |          |             |             |             |             | <u>-</u> | 5.7                   |
| S                       | 1.4      | . و      | 1.5    | . 7     | • 6     | •        |          |             |             |             |             | 5.7      | ₹.6                   |
| ssw                     | • 5      | ۰ ۲      | 1.2    | 2.2     | 1.2     | • 5      | • 1      | I           |             |             |             | ¿•.      | . • ذ 1               |
| sw                      | 1.5      | 1.2      | 3.1    | 2.4     | 1.2     | • 0      | • c      |             |             |             |             | 1 • 4    | 12.1                  |
| wsw                     | • ^      | 1.4      | 2.3    | 2.7     | 1.9     | • 9      |          | <u> </u>    | <u> </u>    |             | <u> </u>    | 1 • •    | 12.4                  |
| w                       | • 3      | 1.6      | 1.5    | 2.2     | • û     | • 4      |          |             |             |             | <u>.</u>    | 7.5      | 17                    |
| WNW                     | • 6      | 1.1      | 2.1    | 2.1     | • 2     |          | • 2      |             |             |             | i           | 4.7      | 11                    |
| NW                      | • 2      | • 4      | 1.5    | 3.2     | • 8     | • €      | • È      | .1          |             | <u> </u>    | İ           | 7.3      | 1:.1                  |
| NNW                     |          | • "      | • 6    | 1.6     | • 9     | • H      | *        |             |             |             |             | 4.6      | 17.1                  |
| VARBL                   | • .      |          |        |         |         |          |          |             |             | <u> </u>    | i           | <u> </u> | 10,                   |
| CALM                    | $\times$ | $>\!\!<$ | ><     | ><      | ><      | $\times$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |             | 1        |                       |
| -                       | 2.5      | 12.5     | 41.6   | 21.7    | 9.2     | 5 • ¤    | 2.2      | • 1         |             |             | <del></del> | 1        | ٠.٠                   |

TOTAL NUMBER OF OBSERVATIONS

E TAE METMATOLOGY - TAGO E TAG

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 . 1   | LAUFS AN AT  | 72-81       |       |                |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | MONTH          |
|         |              | ALL_AEATHER |       | _ 953=1121     |
|         |              | CLASS       |       | HOURS (L.S.T.) |
|         |              |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6            | 7 - 19 | 11 - 16     | 17 - 21    | 22 - 27  | 28 - 33 | 34 - 40     | 41 - 47     | 48 - 55 | ≥ 56     | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|------------------|--------|-------------|------------|----------|---------|-------------|-------------|---------|----------|-------|-----------------------|
| N                       | • •   | • 1              | 1.7    | 1.          | . (        | • r.     |         |             |             |         |          |       | 1 7.                  |
| NNE                     | • !   | • 1              | • 12   | ٠, ٢,       | . 1        | • ?      |         | !           |             |         | L        | 1.7   | 11.                   |
| NE                      |       |                  | •      | . 4         |            |          |         |             |             | I<br>1  |          |       | 7.1                   |
| ENE                     |       | • 4              | • ?    | • 2         |            |          |         |             |             |         | i        |       | 3.7                   |
| E                       |       | • 3              | 1 • 5  | • 3         |            |          |         |             |             |         | 1        |       |                       |
| ESE                     | . 1   | • <sup>L</sup> ; | 1.4    | • 7         |            |          |         |             |             |         |          | •     | 3.5                   |
| SE                      | , t   | 1.4              | 1.0    | • 1         | • 2        | • 1      |         | <u>.</u>    |             | i       | <u></u>  | 7 . 7 | 7.7                   |
| SSE                     |       |                  | 2.^    | • 9         | . 4        | • 2      | l<br>   | <u></u>     |             | ļ       | <u>.</u> | ,     |                       |
| S                       | 1 1.2 | 1.5              | 1.4    | . 7         | •6         | • F.     |         | <u>i</u>    |             | 1       |          |       | 1                     |
| \$5W                    | •     | 1.2              | l.t    | 1.2         | • 8        | • •      | • 2     |             |             |         |          | 1.0-  | 1                     |
| SW                      | • 45  | 1.5              | 1.9    | 3.1         | 3.2        | 1.1      |         |             |             |         |          | 11.5  | 15.                   |
| wsw                     | • ~   | 1.2              | 2.2    | 2.8         | 2 • 1      | • 5      |         | i<br>•      | ļ           |         |          | 7.7   | 12.                   |
| w                       | • 7   | 1.5              | 1.7    | 1.3         | <u>. e</u> | • 2      |         |             | ļ           |         |          | 6.5   | 17.2                  |
| WNW                     |       | 1.;              | 2.0    | 2.2         | . 7        | • 4      | - 1     |             |             | ļ       | <u> </u> | ·     | 11.5                  |
| NW                      | • •   | 1.2              | 2.5    | 2.5         | 1.4        | • 5      | _ 6     | .4          |             |         | ļ        | 7.7   | 1400                  |
| NNW                     | . 1   | • 2              | 1.1    | 2.5         | 1.2        | 1.2      | - 5     | ļ           |             | Ĺ       | i        | 7.2   | 1002                  |
| VARBL                   | • 1   | . 4              | . 1    | • 1         |            |          |         |             |             | Ĺ       | !        | . 7   | 7                     |
| CALM                    |       | ><               | ><     | $\geq \leq$ | ><         | $>\!\!<$ | ><      | $\geq \leq$ | $\geq \leq$ | ><      | ><       | ٠.7   |                       |
|                         | 7.1   | 15.3             | 24.9   | 22.6        | 12.4       | 6.4      | 1.4     | .4          |             |         |          | 170.0 | 10.7                  |

TOTAL NUMBER OF OBSERVATIONS

E AL CLIMATOLOGIC SHATCH TELTO CONFATHON SERVICIZHAC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1 1   | LAUFS AT A.  | 72-91       | <u> </u>       |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | NEL SEATHER | 17.0-14        |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 · 3      | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47     | 49 - 55     | ≥ 56 | i 😘    | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|-------|--------|---------|---------|----------|-------------|-------------|-------------|-------------|------|--------|-----------------------|
| N                       | • ^        | • -   | 1.1    | 2.0     | • <     | •        |             |             |             |             |      | ′ •    | 1                     |
| NNE                     | i ii       | • 1   | • ¢    | • 6     | • 2     | • 1      |             |             |             |             |      |        | 11.0                  |
| NE                      |            | • 2   | 1.2    | . 5     |         |          |             |             |             |             |      |        | 7.4                   |
| ENE                     | • 6        | 1.4   | • 5    |         |         |          |             |             |             |             |      | . • •  | 5 • 3                 |
| Ε                       | • 7        | •     | 1.2    | 1.7     |         |          |             |             |             |             |      | 3.7    | 7.4                   |
| ESE                     |            | • >   | • c    | • °     |         |          |             |             |             |             |      | : • 7  | 0.7                   |
| SE                      | • 1        | • '   | 2.6    | • €     | • 2     | • 1      |             |             |             |             |      | 4.5    | 7. °                  |
| SSE                     | • i        | 1.3   | 2.5    | 1.6     | • 4     | • 1      |             |             |             |             |      | 5. • 3 | y . 5                 |
| 5                       | • 1        | 1.4   | 2.2    | 1.4     | . 7     | _ 1      |             |             |             | <u>;</u>    | ]    | - • •  | 13.3                  |
| \$5W                    |            | • 4   | 2.1    | 2 • 1   | 1.7     | • 5      | • 1         | <br>•       | İ           |             |      | 7.2    | 14.3                  |
| sw                      | • /-       | 1.1   | 2.6    | 4 . €   | 2.4     | 1.1      | . 4         | <u></u>     |             | Ĺ           | ļ    | 11.7   | 1+00                  |
| wsw                     |            | • 7   | 3.5    | 2.6     | 1.5     | • 7      |             | i<br>•      | ·           | !           |      | ٠.1    | 12.5                  |
| w                       | • 1        | 7     | 1.5    | 2.6     | • 9     | • 5      |             |             | ·           |             |      | 5.5    | 13.                   |
| WNW                     | • 3        | . 4   | 2.4    | 1.6     | 2.1     | 1.1      |             |             | <u></u>     |             | İ    | 7.5    | 14.4                  |
| NW                      | , <b>4</b> | 1.5   | 7.3    | 4.6     | 2.2     | . 7      | .:          |             |             |             | <br> | 17.0   | 17.1                  |
| NNW                     | • *        | . 4   | . 7    | 2.2     | 1.3     | 1.1      | . 4         |             | 1           | <u> </u>    | •    | 1 5 5  | 100                   |
| VARSL                   |            | • £.  |        | • 1     |         |          |             |             | 1           | L           |      | .7     | 1.0                   |
| CALM                    | ><         | ><    | ><     | ><      | ><      | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |      | • 7    |                       |
|                         | 4.6        | 13.2  | 29.3   | 20.7    | 14.7    | £ • 7    | 1.1         |             |             |             |      | 15     | 12                    |

TOTAL NUMBER OF OBSERVATIONS

- u -

LESS AL CLIMATOLOGY HARASON LESS TAC AI DEATHER SERVICEXMAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1       | LAUES A | A.7          | 72-81       |       | ۶ ز                 |
|---------|---------|--------------|-------------|-------|---------------------|
| STATION |         | STATION NAME |             | YEARS | MONTH               |
|         |         |              | ALL HEATHER |       | _ 7 (?~; <b>7</b> ) |
|         |         |              | CLASS       |       | HOURS (L.S.T.)      |
|         |         |              |             |       |                     |
|         |         |              | CONDITION   |       |                     |
|         |         |              |             |       |                     |
|         |         |              |             |       |                     |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21    | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|--------|--------|---------|------------|---------|---------|---------|---------|-------------|-----|-------|-----------------------|
| N                       | • • •       | 1.1    | 1.6    | 7.2     | • -3       | •       | . 7     |         |         |             |     | •     | 1                     |
| NNE                     | , ,         | • 1    | • 5    | . 4     |            |         |         |         |         |             |     | . •   | 4 • 7                 |
| NE                      | . 1         | • 3    | 1.4    | • 7     |            |         |         |         |         | i           |     | . 1   | · • 1                 |
| ENE                     | • 4         | • 7    | • 13   | • 2     |            |         |         |         |         |             |     | . 1   | • •                   |
| E                       | • i         | _ • 15 | 1.4    | . 7     |            |         |         |         |         |             |     | •     | 2.                    |
| ESE                     |             | • 1    | . 7    | • 6     | • 2        |         |         |         |         |             | l   | 1.0   | lust                  |
| SE                      |             | • '    | 1.4    | . 7     | • 1        |         |         |         |         |             |     | •     | • •                   |
| SSE                     | . 4         | 1.     | 7.9    | 1.8     | • <u>1</u> |         |         |         |         |             |     | 1     | • *                   |
| \$                      | •           | 1.2    | 1.6    | . 8     | . 4        |         |         |         |         |             |     |       | 7                     |
| ssw                     | .1          | • 3    | 2.1    | 2.4     | 1.5        | . 4     |         |         |         |             |     | 7.1   | 14.7                  |
| sw                      | •           | 1.4    | 3.5    | 4.1     | 2.7        | • 5     |         |         |         | I           |     | : . 4 | 1.04                  |
| wsw                     | • 2         | • 7    | 2.0    | 4.6     | 1.5        | • 2     | • 1     |         |         |             |     | ٠.٠   | 1.1                   |
| w                       | . 4         |        | 1.9    | 1.6     | 1.2        | • 6     | • 2     |         |         |             |     | : • 7 | 15.5                  |
| WNW                     | • 1         | . 4    | 1.0    | 7.3     | 1.6        | • 8     |         |         |         |             |     | . 1   | 14                    |
| NW                      | • 5         | . 7    | 3.2    | 3 • A   | 2.2        | • R     | • S     | • 1     |         |             |     | 11    | 14.i                  |
| NNW                     | •           | • 6.   | 1.5    | 2.4     | 1.3        | • 9     | • 5     | • 1     |         |             |     |       | 14.                   |
| VARBL                   |             | • "    |        |         |            |         |         |         |         | Ĺ           |     | • 7   |                       |
| CALM                    | $\supset <$ | > <    | ><     | ><      | > <        | ><      | ><      |         |         | $\geq \leq$ |     | 1.4   |                       |
|                         | 2.2         | 13.5   | 29.3   | 20.8    | 14.3       | 4.7     | 1.5     | • 2     |         |             |     |       | 11                    |

TOTAL NUMBER OF OBSERVATIONS

. u .

OL HAL CLIMATOLOUR DRANCH DESMITAG AT MENATURE SERVICE/MAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 . 1   | LAULE AN AC  | 70-01       |       | e į i          |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | MONTH          |
|         |              | ALL REATHER |       | 1::5=1080      |
|         | <del></del>  | CLASS       |       | HOURS (L.S.T.) |
|         |              |             |       |                |
|         |              | CONDITION   |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 · 3        | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27    | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | *            | MEAN<br>WIND<br>SPEED |
|-------------------------|--------------|-------|--------|---------|---------|------------|---------|---------|---------|---------|------|--------------|-----------------------|
| N                       | • :          | . 4   | 1.4    | 1.6     | • 1     | . 7        |         |         |         | 1       |      |              | 12.0                  |
| NNE                     | • .          | . 4   | . 7    | . 7     | • 2     |            |         |         |         |         |      |              | 10.2                  |
| NE                      | <u>، ل</u> ڼ | •     | • 6    | . 4     |         |            |         | i       |         |         |      | 2.1          | 0.6                   |
| ENE                     | •            | £,    | • 7    | . 4     |         |            |         |         |         | 1       | i    | 2.5          | 7.1                   |
| E                       | • 1          |       | • 0    | • 5     |         |            |         |         |         | 1       | 1    |              | 7 • 1                 |
| ESE                     |              | _ • * | 1 + 1  | . 7     | • 1     |            |         | [       |         |         |      | 2.4          | 1 . **                |
| SE                      | • l.         | 1.1   | • 9    | • 1     |         |            |         |         | Ĭ       |         |      | [            | 5.6                   |
| SSE                     | 1.           | 2 • ' | 1.8    | 1.5     | • 1     |            |         |         |         |         |      | <u>.</u> • 9 | 7.3                   |
| S                       | 1.           | 1.3   | 1.1    | • 9     |         |            |         |         |         |         |      | 4.7          | 6.6                   |
| ssw                     | •            | • 3   | 2.7    | 2 • €   | 1.4     | • 1        |         |         | Ţ       |         |      | 7.3          | 11.4                  |
| sw                      | • ′          | 1.4   | 7.4    | 4.0     | 1.€     | <u>•</u> 4 |         | I       |         |         |      | 11.4         | 11.7                  |
| wsw                     | •            | 1.7   | 1.3    | 2.5     | 1.2     | • 1        |         |         | I       |         | i    |              | 1:.1                  |
| w                       | 1.4          | 2.1   | 1.5    | 2.2     | 1.6     | • 1        | • 1     |         |         |         |      | <b>4</b>     | 1 .                   |
| WNW                     | • 4,         | • 4   | 2.7    | 1.4     | • t     | • <b>€</b> | • 1     |         |         |         |      | 5.0          | 11.                   |
| NW                      | • 1          | 1.3   | 1.6    | 2.1     | 1.4     | 1.1        | • 1     |         |         |         | i    | 3.4          | 13.7                  |
| NNW                     | • 2          | •     | 1.4    | 2.6     | 1.3     | 1.3        | . 6     |         |         |         |      | 4 . 4        | 1500                  |
| VARBL                   |              | , I4  | • ?    |         |         |            |         |         |         |         |      | • 4          | 1 6 h                 |
| CALM                    |              | ><    | ><     | ><      | > <     | ><         | ><      |         |         |         | ><   | 10.4         |                       |
|                         | ,,,          | 16.8  | 23.4   | 24.6    | 9.8     | 4.4        | . 3     |         |         |         |      | 1            | S . 7                 |

TOTAL NUMBER OF OBSERVATIONS

CL AL CLIMATOLOUY HRANCH MITAC A ... DATHER SERVICEZMAC

#### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1     | LAUES AV AT  | 70-81       | ٠,             |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL REATHER | 11 7-13        |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6    | 7 - 10 | 11 - 16  | 17 - 21    | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55 | ≥ \$6    | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|----------|--------|----------|------------|---------|-------------|---------|---------|---------|----------|-------|-----------------------|
| N                       |            | •        | 1.1    | 1.5      |            | .4      |             |         |         |         |          | 1.5   | 12.                   |
| NNE                     |            | • 1      | ٠.     | . 7      | . 1        |         |             | ]       |         |         | 1        | . 4   | 9.1                   |
| NE                      | • 1        | •        | , c    | . 4      |            |         |             | Ĺ       |         |         | İ        | 1.4   | 7.0                   |
| ENE                     |            |          | • •    | • ?      |            |         |             |         |         |         |          | 1.1   | 9.1                   |
| E                       | . 1.       | . 7      | ۰۲     | . 4      |            |         |             |         |         |         |          | 2.4   | 1.                    |
| ESE                     | • 1        | •        | 1 • 4  | . 6      |            |         |             |         | l       | i       | <u> </u> | 7     | 3.7                   |
| SE                      | 1.1        | • 7      | ، ز    | . 1      | • 1        |         |             |         |         |         |          |       |                       |
| SSE                     | , 7        | 1.0      | 1.7    | 1.7      | • 2        |         |             |         |         | L       | ,<br>!   |       | ~ • 1                 |
| S                       | 1.2        |          | 1.3    | 1.0      | , <u>S</u> |         |             |         |         |         |          |       | 1.1                   |
| ssw                     | 1.         | • 3      | 1.8    | 2.5      | , F.       | • î     | • 1         |         |         |         |          | 7.5   |                       |
| sw                      | , 7        | 1.7      | 1.8    | 3.5      | 1.5        | • 5     |             | Ī       | I       |         | }        | 7.7   | 12.00                 |
| wsw                     | 1.0        | 1.2      | 2.4    | 2.5      | 1.5        | • 1     |             |         |         |         | Ĺ        | 1.5   | 16.5                  |
| w                       | 1.0        | 2.0      | 1.7    | 1.2      | 1.2        | c       |             |         |         |         |          |       | y .                   |
| WNW                     | • •        | 1.1      | 1.7    | 1.8      | 1.5        | • 1     |             |         |         |         |          | . 7   | 11.7                  |
| NW                      | . 4        | . ن      | 2.6    | 2.1      | 1.2        | ءَ ء    | - 1         |         |         |         | <u>i</u> | 7.5   | 11.7                  |
| NNW                     | • 1        | • -      | 1.1    | 2.0      | • a        | 1.5     | . 4         |         |         |         |          | 5.04  | 1 t • .               |
| VARBL                   |            | • 1      | • 6    |          |            |         |             |         |         |         |          | 1 • 3 | 5. • ₹                |
| CALM                    | $\searrow$ | $>\!\!<$ | ><     | $\times$ | ><         | ><      | $\geq \leq$ |         |         |         |          | 13.5  |                       |
|                         | 12.0       | 15.2     | 22.3   | 22.9     | 9.9        | 3.5     | .6          |         |         |         |          | 170.3 | 2.1                   |

TOTAL NUMBER OF OBSERVATIONS

. 4

AL AL OLIMATOLIUM INAKUUM ARUTAI A. CATAIN SERVII AAAI

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| i       | ل المان الكان من العالم المان العالم المان العالم المان العالم المان العالم المان العالم المان العالم المان ال | 19-61      | ٠ _            |
|---------|--|------------|----------------|
| STATION | STATION NAME   | YEARS      | MONTH          |
|         |  | ALL CLATHE | Aut            |
|         |  | CLASS      | HOURS (L.S.T.) |
|         | •  |            |                |
|         |  | CONDITION  | <del>-</del>   |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3           | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47                               | 48 - 55  | ≥ 56     | *      | MEAN<br>WIND<br>SPEED |
|-------------------------|-----------------|----------|--------|---------|----------|-------------|-------------|-------------|---------------------------------------|----------|----------|--------|-----------------------|
| N                       | •               | • -      | 1.7    |         | • 6      | • "         | • 1         |             |                                       |          |          | ,      | 17,5                  |
| NNE                     | • 7             | • 3      | • 3    | ۰۲      | • 1      | •           |             |             |                                       |          |          | . • •  |                       |
| NE                      | •               | • ti     | _ • *  | . 4     |          |             |             |             |                                       |          |          |        | 7.7                   |
| ENE                     | • .             | . 4      | •6     | • 2     |          |             |             |             |                                       |          |          | 1.4    | 7.3                   |
| E                       | • 7             | • •      | 1.     | • 6     |          |             |             |             |                                       |          |          | 2.7    | ١, ١,                 |
| ESE                     | • 1             | _ • -    | 1.1    | • 6     | • '`     |             | :           |             |                                       | •—       | i        |        | a • 4                 |
| SE                      | • '•            | 1.1      | 1.1    | . 4     | • 2      | • ^         | ·<br>i      | <u> </u>    |                                       |          | ·        | 1 :    | 7.0                   |
| SSE                     | • "             | 1.       | 1.8    | 1.2     | • 3      | • 1         | ļ<br>•      |             |                                       | i<br>+   | <u> </u> | •      | • 1                   |
| S                       | • 9             | 1.2      | 1.5    | 1.7     | • 5      | • ?         |             | 1           |                                       |          | 1        | • 5    | 70.                   |
| ssw                     | . 7             | • 0      | 1.8    | 2.2     | 1.1      | • 1         | • i         | ļ           | <u> </u>                              | ļ        |          | 7.1    | 1                     |
| sw                      | • <sup>)-</sup> | 1.4      | 2.5    | 7.5     | 1.5      | • 7         | • ?         |             |                                       |          | ·        | 11.0   | 1 7                   |
| wsw                     | . 7             | 1.3      | 2.2    | 2.0     | 1.7      | • 4         | • ^         | ·           | · · · · · · · · · · · · · · · · · · · | ·        | 1        | 7 . 4  | 12.                   |
| w                       | •               | 1.       | 1.9    | 1.8     | 1.7      | • 3         | • 1         |             |                                       |          | :<br>    | 7.5    | 1                     |
| WNW                     | . 4             | • 1      | 2.1    | 2.2     | 1.1      | • t:        | • 1         |             |                                       |          |          | 1.3    | 12.4                  |
| NW                      |                 | 1.1      | 2.2    | 2.9     | 1.3      | • 6         | • 3         | • 1         |                                       | <u> </u> | <u> </u> | • 3    | 13.4                  |
| NNW                     | • .^            | • 4      | 1.     | 2.3     | 1.1      | 1.0         | . 4         | • :         |                                       | !        | ļ        |        | 15.5                  |
| VARBL                   | ·               | • 7      | • 1    | • i     |          |             |             |             |                                       | <u>i</u> |          | • 7    | •                     |
| CALM                    | $\searrow$      | $>\!\!<$ | ><     | ><      | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |                                       |          |          | 11.1   |                       |
|                         | 7.8             | 15.1     | 27.9   | 24.6    | 11.5     | 5.1         | 1.3         | • 1         |                                       |          |          | 1' 2.3 | 1000                  |

TOTAL NUMBER OF OBSERVATIONS

170

AL CLIMATOLO, Y TWANCH TATO TATON'N SE VIOLVIAC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 201   | LOJES AN AL  | 71-63       |                |  |  |  |  |
|---------|--------------|-------------|----------------|--|--|--|--|
| STATION | STATION NAME | YEARS       | MONTH          |  |  |  |  |
|         |              | MEE REATHER |                |  |  |  |  |
|         |              | CLASS       | HOURS (L S.T.) |  |  |  |  |
|         |              | CONDITION   |                |  |  |  |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6        | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|--------------|--------|---------|----------|----------|---------|---------|---------|---------|-----|----------|-----------------------|
| N                       |             | 1.7          | 1.0    | 2.5     | • 4      | • .      | • 7     |         |         |         |     |          | 11.1                  |
| NNE                     |             | . 7          | . 4    | . 2     |          |          |         | !       |         |         |     | 1 1.2    | 7.                    |
| NE                      |             | • 4          | • f.   | • 3     |          |          |         |         |         |         | :   | 1.4      | 5 . 4                 |
| ENE                     | • 1         | • '          | . 7    | • 1     |          |          |         |         |         |         |     | 1.2      | ပ•်                   |
| E                       | ٠٠          | • 0          | • 5    | 1.7     |          | •        |         |         |         |         |     | J . :    | 11                    |
| ESE                     | • !         | • i          | • 5    |         | • 1      | • 1      |         |         |         |         |     | 1 - 1    | ••1                   |
| SE                      | , i.        | • 2.         | • 5    | • 9     | • 7      | • 1      |         | !       |         | :       |     |          | 1 200                 |
| SSE                     | • 4         | 1.5          | • 5    | 1.1     |          |          |         |         |         |         |     |          |                       |
| s                       | l•°         | 1.4          | 2 • "  | ] • c   |          |          |         |         |         |         | 1   | 7.       | 7.7                   |
| ssw                     | . 7         | 1 . ?        | 1.2    | 1.5     |          | • 1      |         |         |         |         |     | •        | 7.5                   |
| sw                      | 1.7         | 1 • °        | 1.5    | 1.5     | • ?      | • 1      | i       |         |         |         | 1   | :        | 7                     |
| wsw                     | 1.          | 2 • 4        | 1.5    | 2.4     | •<br>0   | • .      |         | 1       |         |         | ı   | • -      | 10.1                  |
| w                       | 1.4         | 2.7          | 1.9    | 1.0     |          | • 1      |         |         | 1       |         |     |          | 7.                    |
| WNW                     | 1.2         | 2 • "        | 2.9    | 1.7     | · n      |          |         |         |         |         |     |          | 5 • →                 |
| NW                      | •           | 2.2          | 3.1    | 3.2     | 1.2      | • [      |         | l       |         |         |     | 1        | 11.1                  |
| NNW                     |             | • f.         | 2.6    | 3.5     | • 5      | • 3      | . 4     |         |         |         |     | • 1      | 13.                   |
| VARBL                   |             |              |        |         |          |          |         |         |         |         | 1   | 1        |                       |
| CALM                    | $\boxtimes$ | ><           | ><     | > <     | $\times$ | $\times$ | > <     | ><      |         |         |     | 1 -, • 7 |                       |
|                         | 7, , 7      | <b>2</b> 5.5 | 27.0   | 23.4    | 4.3      | 2.0      | • 6     |         |         |         |     | 1        | •                     |

TOTAL NUMBER OF OBSERVATIONS

AN TEIMATCEN Y TANCH COTAC CATHOOSENVIOLXMAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUF, A. A.  | 71-40       | * <i>†</i>                              |  |  |
|---------|--------------|-------------|---|--|--|
| STATION | STATION NAME | YEARS       | MONTH                                   |  |  |
|         |              | ALL OLDTHER | • • • • · · · · · · · · · · · · · · · · |  |  |
|         | <del></del>  | CLASS       | HOURS (L S T )                          |  |  |
|         |              |             |   |  |  |
|         |              | CONDITION   |   |  |  |
|         |              |             |   |  |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6   | 7 - 10   | 11 - 16 | 17 - 21  | 22 - 27     | 28 - 33  | 34 - 40 | 41 - 47     | 48 - 55     | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|---------|----------|---------|----------|-------------|----------|---------|-------------|-------------|------|-------|-----------------------|
| N                       |       | 1.,     |          |         | , 7      | • .         |          | _       | <del></del> | <del></del> |      |       |                       |
| NNE                     |       | • 4     | • 6      | ٦.      |          |             |          |         | 1           |             |      |       | •                     |
| NE                      |       | • 7     | . 4      | • 1     |          |             |          |         |             |             |      |       | • `                   |
| ENE                     | :     | ,       | • !      | • .     | • 1      |             |          |         |             |             | -    | 1.    | •                     |
| E                       | • 1   | . 4     | • ;      | 1.6     |          | •           |          |         |             | •           | •    | Ţ     | I                     |
| ESE                     |       |         | • 1      | . 1     | • .      | • 1         |          |         |             |             | 1    |       |                       |
| SE                      | • `   | •       | • 3      |         | • 7      | • 1         |          |         |             | ,           |      |       | · • ·                 |
| SSE                     | 1.1   | 1.      | 1.3      | • 9     | • 1      |             |          |         |             |             |      |       |                       |
| S                       | 1.1   | 1 • 7   | . 7      | 1.2     | . 2      |             |          |         |             |             |      |       | 2 • ∀                 |
| SSW                     | 1 • 7 | 1 • 5   | 1.7      | 1.4     | . 4      |             |          |         |             |             | •    | •     | • 1                   |
| SW                      | 1."   | 1.      | ? • 4    | 1.7     | • [      | -           |          |         |             |             |      | *     | •                     |
| wsw                     |       | 1.5     | 1.7      | 1.6     | • 4      |             |          |         |             |             |      |       | 7.                    |
| w                       |       | 2 • 7   | 1.4      | 1.3     | • 7      |             |          |         | •           | 1           |      | •     | - • •                 |
| WNW                     | • 2   | ?.7     | 3 • '    | 1.0     | . 4      | • !         |          |         |             |             |      | . 4   | 7                     |
| NW                      | ٠٤    | 2.2     | 3.5      | 7 . C   | • -      | • '         |          |         |             | •           | 1    |       | 11.:                  |
| NNW                     |       | • 7     | 1.4      | 7,4     | 1.6      | • 7         | •        | • 1     |             |             |      | 7.7   | 1 4 . 4               |
| VARBL                   |       |         | • ^      |         |          |             |          |         |             | <u> </u>    | •    | • .   |                       |
| CALM                    |       | ><      | $\times$ | ><      | $\times$ | > <         | $\times$ | $\geq$  |             |             |      | : • 0 |                       |
|                         | . 9   | 1 % • 1 | ۲۰۵۰     | 22.0    | 5.3      | <b>?</b> •0 | • 3      | • 1     |             |             |      |       | 7                     |

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L S.T ) CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3     | 4 - 6      | 7 - 10 | 11 - 16          | 17 - 21    | 22 - 27     | 28 - 33 | 34 - 40        | 41 - 47  | 48 - 55  | ≥ 56 | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|-----------|------------|--------|------------------|------------|-------------|---------|----------------|----------|----------|------|----------|-----------------------|
| N                       | • • • • • | 1.         |        | 1.0              | •          | . 4         | . !     |                | †        |          |      |          | · •                   |
| NNE                     | • 1       | • 3        | • °    | • 3              |            |             |         |                | 1        |          |      | 1 • 3    | •                     |
| NE                      |           | • <b>4</b> | •      | • .7             |            |             |         |                |          |          |      | 1.5      | •                     |
| ENE                     |           | •          |        | • :              | • :        |             |         |                |          |          |      |          | 1 .                   |
| E                       |           | • 1        | • *    | 1.4              | • 1        | • 1         |         |                | Ĭ        |          |      | •        | 1                     |
| ESE                     |           | • .        | • 1    | • ?              |            | • 7         |         | T<br>!<br>♣——- |          |          |      |          | 17.                   |
| SE                      |           | ية .       | . 5    | • 6              | • 1        | • ?         |         | i<br>          | 1        |          |      | <u> </u> |                       |
| SSE                     |           | 1.3        | 1.4    | • 2              |            |             |         | ·              | İ        |          |      |          | <u> </u>              |
| S                       | 1.        |            | 1.5    | i • 7            | 1.         |             |         | ·              | •        | •        |      | 1. 1. 3  | •                     |
| ssw                     | •         | 1.1        | 1.7    | 2.5              | 7          |             |         | ·              | <u> </u> |          |      | •        | 1                     |
| sw                      | 1.        | 2.7        | 2.5    | 2.3              | • 1        |             |         | ·              |          |          |      | • •      | • •                   |
| wsw                     | 1.        | 1.6        | 2.6    | 1.1              | <u>, u</u> |             |         | ·              | •        | •        |      |          | 7.                    |
| w                       | • '       | 2.         | •      | • <del>(</del> - | • 3        |             |         | ţ              | •        | <u></u>  |      | · · · ·  | 1 1                   |
| WNW                     | . 4       | 7.1        | 2.5    | 1.2              | . 4        |             |         | :<br>•         | ·        | ·        |      |          | • .                   |
| NW                      | •         | 1.7        | 2.4    | 3.3              | 1.4        | • 4         |         |                |          |          |      |          | 11.                   |
| NNW                     |           | •          | 2 • 4  | 3 • 2            | 2.6        | 1.          |         | <u> </u>       |          | ·<br>•   |      |          | 14.                   |
| VARSL                   | •         |            |        |                  |            |             |         | ļ              | i        | <u> </u> |      |          |                       |
| CALM                    | ><        | $>\!\!<$   | ><     | $>\!\!<$         | ><         | $\geq \leq$ | ><      | $\geq \leq$    |          |          | ><   | 17.7     |                       |
|                         | ,         | 1 . 7      | 23.3   | 20.4             | 7.5        | 2.7         | • 2     |                |          |          |      |          | •                     |

TOTAL NUMBER OF OBSERVATIONS

L AL CLINATULOLY PRANTH PUTCTAY

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| i       | STATION NAME            |       |             |        |              |         |         |         |         |         |         |      |        | •                     |
|---------|-------------------------|-------|-------------|--------|--------------|---------|---------|---------|---------|---------|---------|------|--------|-----------------------|
| STATION |                         |       | STATIO      | NAME   |              |         |         |         | MONTH   |         |         |      |        |                       |
|         |                         |       | ALL MEATHER |        |              |         |         |         |         |         |         |      |        |                       |
|         |                         |       | CLASS       |        |              |         |         |         |         |         |         |      |        | 5 (L S.T )            |
|         |                         |       |             |        |              | CON     | DITION  |         |         |         |         |      |        |                       |
|         |                         |       |             |        |              |         |         |         |         |         |         |      |        |                       |
|         |                         | _     |             |        |              |         |         |         |         |         |         |      |        |                       |
|         |                         |       |             |        |              |         |         |         |         |         |         |      |        |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 · 3 | 4 - 6       | 7 - 10 | 11 - 16      | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | ;;<br> | MEAN<br>WIND<br>SPEED |
|         | N                       |       | 1.7         | l• *   | 2.7          | - 4     | • ,     |         |         |         |         |      |        | 1                     |
|         | NNE                     | • 1   | • >         | 1.2    |              |         |         |         |         |         |         |      | 1.,    |                       |
|         | NE                      | •     | • t.        | •      | _ 3          |         |         |         |         |         |         |      |        | •                     |
|         | ENE                     | • 4   | • 5         | 1.5    | • .          | . 7     |         |         |         |         |         |      | • 1    | •                     |
|         | E                       | . 7   | •           |        | 1.5          | . ?     | ۰, ۱۰   |         |         |         | *       |      | ••1    | 11.1                  |
| '       | ESE                     | 1     | • ',        | . 4    |              |         | •       |         |         |         |         |      | 4.04   | 1                     |
|         | SE                      | • 3   |             | • 3    | 1.1          | • 1     | • 7     |         |         |         |         |      | •      | 10.0                  |
|         | SSE                     | 1.    |             | 1.1    | • 5          | . 4     |         |         |         |         |         |      |        | ?.                    |
|         | S                       |       | 4           | 2.3    | 1.7          | • '     | • 14    |         | 1       |         |         |      |        | <b>₽</b> • •          |
|         | ssw                     |       | 1.          | ٥٠,    | 2.•2         | 1.1     | • :     |         |         |         | 1       |      | • :    | 11.                   |
|         | sw                      | • •   | 2.4         | 7.3    | 2.5          | . 1     |         | • 1     |         |         | i -     |      |        | • (                   |
|         | wsw                     | •     | 1.7         | 2.2    | 1.5          |         | • ?     |         | 1       |         |         |      |        | 11.                   |
|         | w                       | 1.    | 1.          | 1.1    | • 0          | • 2     |         |         |         | !       |         |      | 4.0    | 7.1                   |
|         | WNW                     |       | 1.7         | ts o   | : • 7        | . 4     | i       |         | i       |         |         |      | • 1    | 7.                    |
|         | NW                      | •     | 2           | 4.6    | 7.7          | 1.1     | • 1     |         |         | I       |         |      | 1      | 1. •                  |
|         | NNW                     |       | 1.7         | 3.     | 3.0          | 2.6     | • 5     | • 3     |         |         |         |      | 1 .    | 17.                   |
|         |                         | 1     |             |        | <del>,</del> |         |         |         | 1       |         | -       |      |        |                       |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (I-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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i

AL INTERPORT PRACES

NNW

VARBL

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION |                         |   | STATIO | NAME   |         |         |          | ٧       | EARS        |         | ONTH   |      |        |                       |
|---------|-------------------------|---|--------|--------|---------|---------|----------|---------|-------------|---------|--|------|--------|-----------------------|
|         |                         |   |        |        |         | ALL OL  | ATHELL   |         |             |         |  |      | 1      | -14                   |
|         |                         |   |        |        |         |         |          |         | \$ {L.S.T.} |         |  |      |        |                       |
|         |                         | _                                       |        |        |         |         |          |         |             |         |  |      |        |                       |
|         |                         |   |        |        |         | CON     | DITION   |         |             |         |  |      |        |                       |
|         |                         | -                                       |        |        |         |         |          |         |             |         |  |      |        |                       |
|         |                         |   |        |        |         |         |          |         |             |         |  |      |        |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3                                   | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40     | 41 - 47 | 48 - 55  | ≥ 56 | *      | MEAN<br>WIND<br>SPEED |
|         | N                       |   | •      |        | 2.0     | . 7     | • '      |         |             |         | <del>,                                    </del> |      | • ;    | 11.                   |
|         | NNE                     | • 1                                     | •      | • 4    |         |         | <u>-</u> |         |             |         | •  |      |        | 1 7                   |
|         | NE                      | • · · · · · · · · · · · · · · · · · · · | •      | 1.7    |         |         |          |         | 1           |         |  |      | :      | ,                     |
|         | ENE                     |   | 1.     | 1.7    | • [     | • 1     |          |         |             |         | +  |      | 1.7    |                       |
|         | €                       |   | • "    |        | 1 • E   | • 6     |          |         |             |         |  |      | , • ·) | 11.65                 |
|         | ESE                     |   | • 1    | • :    | • 1     |         | • 7      |         |             |         |  | *    | 1.,    | 11.4                  |
|         | SE                      |   | . 3    | 1.1    | 1.5     | • "     |          |         |             |         | •          |      | 7      | 10.0                  |
|         | SSE                     |   | •      | 1 • *  |         | ٠.      |          |         | !           |         |  |      | ·, . · | 10.0                  |
|         | s                       | . 13                                    | • '•   | 1.4    | 1.2     | 1.0     | • 1      |         | 1           |         |  | 4    | • 1    | 11.1                  |
|         | ssw                     | • 1                                     | • 1    | 7.7    | 3.7     | • 0     | • 7      |         |             | Ĭ       |  | 1    | 7.5    | 12.3                  |
|         | sw                      | • 1                                     | 1.     | 3.4    |         | · [,    | • 7      | • 1     | <u> </u>    |         |  |      | • 1    | :1.1                  |
|         | WSW                     | • 1                                     | • *    | 2.7    | 1.9     | ٠       | . 7      |         | i           |         |  |      | • 7    | 1                     |
|         | w                       | • `                                     | 1.     | • 6    | 1.4     |         | • 1      |         | [           | !       |  | 1    | 1.3    | 1                     |
|         |                         |   |        | 3 (    | , ,,    | 1 2     | •        |         |             |         |  | Ţ    |        | 111                   |

TOTAL NUMBER OF OBSERVATIONS

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USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AL DETMATCEDUM - ANCH-+ TAD AD - TAT-FR SERVICIZMAN

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | LAUF, A. A.  |       | 71-63 |    | * <b>4</b>     |
|---------|--------------|-------|-------|----|----------------|
| STATION | STATION NAME |       | YEA   | RS | MONTH          |
|         |              | ALL C | ATHER |    | 17 . 0-1701    |
|         |              | CL    | 455   |    | HOURS (L.S.T.) |
|         |              |       |       |    |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6      | 7 - 10   | 11 - 16  | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47  | 48 - 55  | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|------------|----------|----------|-------------|----------|-------------|-------------|----------|----------|-----|-------|-----------------------|
| N                       |       | 1.1        | 7.6      | 2.0      | 1 • 1       | • 7      | • 1         |             |          | i        |     |       | 11.                   |
| NNE                     |       | . 4        | • 6      | • 1      |             |          |             |             |          | 1        |     | 1.3   | 7.                    |
| NE                      |       | ٤.         | • r      | • 1      | • 1         |          |             |             |          | I        |     |       | 5 € .                 |
| ENE                     |       | 1."        | •        | ٠۶       |             |          |             |             |          | ·<br>•   |     |       | 6.                    |
| E                       | , "   | 1.         | 2.3      | 1.0      |             | • 3      |             |             |          | 1        | į   |       | <b>₽.7</b>            |
| ESE                     | . 3   | • ?        |          | . 4      | • ?         | • 1      |             |             | <u> </u> |          |     |       | 7.0                   |
| SE                      | . 4   | • *        | 1.7      | • 1      | • ĉ         |          |             |             | <u> </u> | ı        |     | 3     |                       |
| SSE                     | •     | <u>1.5</u> | 1.1      | r        | u,          |          |             |             |          | i<br>    |     |       | c • •                 |
| s _ j                   |       | • '        | 1.7      | 1.6      | . 6         |          |             |             |          |          |     | 5.1   | 11.3                  |
| ssw                     | • `   | 1.         | 2.7      | 2.0      | 1.0         | . 4      |             |             | Ĭ        |          |     | 7.    | 11.5                  |
| sw                      | . 4   | 1.7        | 3.0      | 2.8      |             | € 4<br>• | • 1         |             |          |          |     | • • 1 | 15.7                  |
| wsw                     | •     | • 6        | 4.1      | 2.6      | • 0         |          |             |             | ·        |          |     | ~ • 5 | 10.7                  |
| w                       | 1     | • •        | 1.7      | 1.1      | • 5         |          |             |             |          |          |     | 4     | 1                     |
| WNW                     |       | 1.1        | 2.2      | 2.7      | • 0         |          |             |             | <u> </u> |          |     | → . 7 | 11.                   |
| NW                      | ٠     | 1.5        | 6.0      | 7.5      | 1.4         | . 4      | • 3         |             |          |          |     | 1 .1  | 11.7                  |
| NNW                     | . 3   | • C        | 3.5      | 3.₽      | 1.7         | . 5      | • 1         |             | <u> </u> | 1        |     | 11.1  | 14.7                  |
| VARBL                   |       | • 2        |          | • ?      | • 1         |          |             |             |          | <u> </u> |     | •     | 1000                  |
| CALM                    | ><    | $\times$   | $>\!\!<$ | $>\!\!<$ | $\geq \leq$ | ><       | $\geq \leq$ | $\geq \leq$ |          |          |     | 1     |                       |
|                         | . 1   | 14.3       | 36.7     | 29.7     | 10.1        | 2.4      | • 6         |             |          |          |     | 1'    | 1000                  |

TOTAL NUMBER OF OBSERVATIONS

UL PAL CLIMATOLOGY ARANCH UTAR H. STATOPH SERVICIZMAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | LA JE J. A. A. | 71-67       | * <b>;</b> .   |
|---------|----------------|-------------|----------------|
| STATION | STATION NAME   | YEARS       | MONTH          |
|         |                | AUL PEATHER | 1 × ~= 55°     |
|         | <del> </del>   | CLASS       | HOURS (L S.T.) |
|         |                | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6  | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|--------|--------|----------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       |       | 1.1    | 2.5    | 1.6      | 1.7     | • '     |         |         |         |         |     |       | 11.7                  |
| NNE                     |       | • 1    | ٦.     | • 1      |         |         |         |         |         |         |     | 1.2   | 7                     |
| NE                      | •     | • "    | . 3    | 4        |         |         |         |         |         |         | !   | 1.    | 7.5                   |
| ENE                     | • !   | • .    | • 5    | • 2      | _       |         |         |         |         |         | !   | 1.4   | 7.:                   |
| E                       |       | 1.     | 1.7    | 1.4      | • 3     | • 7     |         |         |         |         |     | •••   | 1000                  |
| ESE                     | • i   | • `    | 1.0    | • 2      |         | • ?     |         |         |         |         |     |       | • 1                   |
| SE                      | •     | • >    | ٩٠     |          |         |         |         |         |         | 1       |     | •     | 1                     |
| SSE                     | 1.1   | 1.     | ن •    | • 3      | • 3     |         |         |         | [       |         |     | 4.:   | ۴, و                  |
| S                       | 1.4.  | 1 • r. | 1.5    | 1.5      | • 1     |         |         |         |         |         |     |       | 7.                    |
| ssw                     |       | 1.5    | 1.5    | 1.7      | . 8     | • .     |         |         |         |         |     | 7     | 11.1                  |
| sw                      | •     | 1.5    | 2.5    | 2.5      | . 6     | • K     |         |         |         |         |     |       | 1 ?                   |
| wsw                     | • 4,  | 1.1    | 2 • °  | 1.5      | • 6     | . 41    | • 1     |         | !       |         |     |       | 10.00                 |
| w                       | 1.2   | 1.0    | 1.5    | 1.5      |         |         |         |         |         |         |     |       | 7.                    |
| WNW                     | ų ,   | 1.     | 3.5    | 1.3      | , c     | • 1     |         |         |         |         |     |       | 7 € .                 |
| NW                      | • 0   | 2.3    | 4.5    | 4.5      | • 3     | • 3     | ٠,      | • 1     |         |         |     | 1 1.1 | • s                   |
| NNW                     | ?     | 1.     | 2.6    | ₹ • 2    | 1.4     | • *     | • 3     | • 3     |         |         |     | 4.4   | 12.7                  |
| VARBL                   | . 1   |        | • 7    |          |         |         |         |         |         |         |     | • 3   | <b>*, •</b> s         |
| CALM                    | ><    | ><     | >      | $>\!\!<$ | ><      | > <     | ><      | ><      |         | ><      |     | 1     |                       |
|                         | 7.1   | 13.3   | £9.6   | 21.5     | 7.3     | 3.0     | 9.€     | . 4     |         |         |     | 1     | y • 1                 |

TOTAL NUMBER OF OBSERVATIONS

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USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2.

E PARE TETMATOLOGY PARCH CONTETAC ACCOUNTS SERVICE MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LLJT , A AT  | 71-83       | * A -          |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL VESTHER | 1 ~ 5~         |
|         |              | CLASS       | HOURS (L S.T ) |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10    | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40  | 41 - 47 | 48 - 55 | ≥ 56 | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|-----------|-------------|---------|---------|----------|----------|---------|---------|------|----------|-----------------------|
| N                       | • 1      | 1.1      | 1.4       |             | 1.1     | . 4     |          |          |         |         |      |          | 1.0                   |
| NNE                     | 1        | • 4      |           | • 1         |         |         |          |          |         |         |      | 1.       | 7 . !                 |
| NE                      |          | •        | • ':      | • 2         |         |         |          | <u> </u> |         |         |      | 1.4      | •                     |
| ENE                     | • 1      | ذ •      | 1.        | • 1         |         |         |          |          |         |         | i    | 1.       | 7.7                   |
| E                       | •        |          | 1.2       | 1.7         |         | • 1     |          |          |         |         |      |          | 1.4                   |
| ESE                     |          | • 5      | 1.        | • 1         | ?       | • 7     |          |          | i       |         |      |          | 1                     |
| SE                      | • 1      | • 1      | • 0       | • ?         | • 5     | • 1     |          |          |         |         |      | <u> </u> | 11.                   |
| SSE                     | 1.       | 1.4      | 1.3       | . 3         | • 1     |         |          | !        |         |         |      | . 1      | t • !                 |
| s                       | 1.       | • 7      | 1.9       | 1.4         | • ?     | • ?     |          | i        |         |         |      | •        |                       |
| ssw                     |          | 1 •      | 1.6       | 1.0         | • £     | • 1     |          | i        |         |         |      | • 1      |                       |
| sw                      | : • 1    | 1.1      | 1.5       | 1.7         | 1.      | • 7     |          |          |         |         |      | 7        | 14                    |
| wsw                     | , t      | 1.7      | 1.5       | 2.5         | • 6     | *       |          |          |         | 1       |      | •        | 10.3                  |
| w                       | 1.3      | 2.       | 1.0       | 1.3         |         |         |          |          |         |         |      | 7 • 3    | 7                     |
| WNW                     | • t      | 2.2      | 3 • °     | 1.3         | • 3     |         |          |          |         |         |      | ن و ز    | با ن                  |
| NW                      | • ?      | 1.7      | 2.3       | 2.5         | • 5     | . 4     | • 1      | • 1      |         |         |      | 7.8      | 11.                   |
| WMM                     |          | • 1      | 2.3       | 3.1         | 1 . 5   | 5       | . 5      | • 1      |         |         |      | 1.5      | 14.5                  |
| VARBL                   |          |          | <i>c.</i> |             |         |         |          |          |         |         |      | • .      | 5.                    |
| CALM                    | $\geq <$ | $>\!\!<$ | ><        | $\supset <$ | >>      | ><      | $\times$ | ><       |         |         |      | 19.2     |                       |
|                         | 2.5      | 16.5     | 25.4      | 19.6        | 6.8     | 3.1     | . 6      | • 2      |         |         |      | 1-000    | ر و د                 |

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

## DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| اللكي يايا | _ A · A ′    | 71-92       | ₩ <u>Ł</u>     |
|------------|--------------|-------------|----------------|
| STATION    | STATION NAME | YEARS       | MONTH          |
|            |              | ALL BLATHES | 7 E E          |
|            |              | CLASS       | HOURS (L S.T.) |
|            |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6            | 7 - 10       | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33 | 34 - 40  | 41 - 47 | 48 · 55 | ≥ 56 | *      | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|------------------|--------------|----------|----------|----------|---------|----------|---------|---------|------|--------|-----------------------|
| N                       | • "   | 1 • 2            | 7.1          | 7.1      | a e      | • 5      | • 1     |          |         |         |      | 7.     | 11.                   |
| NNE                     | • 1   | ۰                | . 7          | • 2      |          |          |         |          |         |         |      | 1.4    | 7.6                   |
| NE                      |       | • 5              | <u>ن</u> •   | . 2      | •        |          |         |          |         |         |      | 1.7    | 7 . 4                 |
| ENE                     | • -   | • 5              | • 9          | • 3      | • 1      |          |         |          |         |         |      | • .    | ( · ?                 |
| E                       | ٠,    | • '              | 1.2          | 1.5      | • .      | ۶ ۲      |         |          |         |         |      | ٠.1    | 10.7                  |
| ESE                     | • 1   | • 7              | • 👣          | • l      | • 1      | • 2      |         |          |         |         |      | 1.,    | 1000                  |
| SE                      | • 7   | ن <sub>ا</sub> • | . 7          | ٠.       | • 3      | • 1      |         |          |         |         |      |        | 10.1                  |
| SSE                     | •     | 1.2              | 1.3          | • 7      |          |          |         |          |         |         |      | 4.2    | 7.7                   |
| S                       | 1.    | 1.4              | 1 • 6        | 1.4      | •6       | . 1      |         |          |         |         |      | F. • 1 | 402                   |
| ssw                     | • **  | 1.2              | 1.7          | 2.0      | • 6      | • 2      | • ^     |          |         |         |      |        | 13.t                  |
| sw                      | . 7   | 1.7              | 2.7          | 2.3      | • 5      | • .      | • ^     |          |         | Ī ———   |      | · • 1  | 4                     |
| wsw                     | . 7   | 1.3              | 2.3          | 1.9      | • 7      | • 2      | . 1     |          |         |         |      | 7.1    | 10.2                  |
| w                       | 1.2   | 1.5              | 1.4          | 1.1      | • 2      | • .      |         |          | !       |         |      | 1:•€   | 7                     |
| WNW                     | • 5   | 1.7              | 3.0          | 1.9      | •6       | • (      |         |          |         |         |      | 1.3    | 7.5                   |
| NW                      | • 5   | 1.7              | 4.1          | 4.5      | 1.0      | . 4      | • 1     | • 0      |         |         |      | 17.4   | 11.3                  |
| NNW                     | • 3   | •                | 2 • 2        | 3.5      | 1.7      | . 6      | . 7     | • 1      |         |         |      | 1.01   | 13.4                  |
| VARBL                   | • 1   | •                | • 1          | • 1      | • 0      |          |         |          |         | 1       |      | . 4    | 7.1                   |
| CALM                    | ><    | $\times$         | ><           | $\times$ | $\times$ | $\times$ | > <     | $\times$ | $\geq$  | $\geq$  | ><   | 11.2   |                       |
|                         | 7.7   | 17.5             | 28 <b>.4</b> | 24.2     | 7.5      | 2.9      | • 5     | • 1      |         |         |      | 17.5   | y • 1                 |

TOTAL NUMBER OF OBSERVATIONS

UL HAL CLIMATOLOGY HRANCH HIGHAR AT CATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | AUFN AT AU   | 71+30     | 2.5            |
|---------|--------------|-----------|----------------|
| STATION | STATION NAME | YEARS     | MONTH          |
|         | 8 է լ        |           | 300+020°_      |
|         |              | CLASS     | HOURS (L.S.T.) |
|         |              | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6   | 7 - 10 | 11 - 16 | 17 - 21           | 22 - 27 | 28 - 33           | 34 - 40  | 41 - 47  | 48 - 55 | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|---------|--------|---------|-------------------|---------|-------------------|----------|----------|---------|------|-------|-----------------------|
| N                       | . 1      |         | 1.6    | 7.2     | . 1               |         |                   |          |          |         |      | , ,   | 1000                  |
| NNE                     | 45 1     | . 7     | 7.0    | . 4     |                   |         |                   |          |          |         |      |       | 7.                    |
| NE                      |          | •       | 1.1    | • ?     | • 1               |         |                   |          |          |         |      | 3.1   | 7.7                   |
| ENE                     | • 1      | 1.7     | 2.4    | 2.2     |                   |         |                   |          |          |         |      | • • • | 7.1                   |
| ε                       | • 1      | 1.3     | 2.5    | 1.5     | 1.                | • (     |                   |          |          |         | !    |       | 12.1                  |
| ESE                     | • 1      | • 7     | • 0    | 1.2     | 1.2               | • :     | I                 |          |          |         |      | • • • | 13.1                  |
| SE                      | • .      | . 7     | 2.3    | .7      | . ?               | • ?     |                   | <u> </u> |          |         | !    | 4.4   | 10.                   |
| SSE                     | 1.7      | 2.4     | 2.2    | 1.0     |                   |         |                   | 1        |          |         |      | 7 . ? | 2.0                   |
| s                       | 1        | 2. 1    | 1.5    | • 2     | . 4               | •.7     | . 1               | 1        |          |         |      | , • . | 7 • ∺                 |
| SSW                     | • 5      | • 7     | 1.7    | . 9     | • 1               |         |                   | <u> </u> |          | i       |      | 1.4   | 7.0                   |
| SW                      | 1.1      | 1.2     | 1.4    | 1.0     | • ?               | • 1     | 1                 |          |          | !       |      | • 1   | 7.3                   |
| WSW                     | 1.1      | • 7     | • 0    |         |                   |         |                   |          | Ţ        |         | 1    | - • • | ٠                     |
| w                       | ?•1      | 1.0     | 1.0    | • 2     |                   |         |                   |          | <u> </u> | I       |      | • •   | _ ♦ ب                 |
| WNW                     | • 6      | 1.2     | 2.1    | 1.4     | • 1               |         |                   |          | ĺ        |         |      | _ • 4 | t.t                   |
| NW                      | . 4      | • 19    | 2.0    | 3.4     | • 1               | • 2     |                   |          |          |         |      | 7.1   | 11.                   |
| NNW                     | • 1      | • ?     | 2.1    | 3.1     | 1.1               |         |                   |          |          |         |      | 7.1   | 12.                   |
| VARBL                   |          |         | • 1    |         |                   |         |                   |          |          | i       |      | • :   | 2 • €                 |
| CALM                    | $\times$ | >>      | > <    | > <     | $\supset \subset$ | > <     | $\supset \subset$ |          |          |         | ><   | 15.9  |                       |
|                         | 13.3     | 1 7 . 2 | 27.6   | 20.4    | 4.0               | 1.5     | .1                |          |          |         |      | 100.0 | 7.7                   |

TOTAL NUMBER OF OBSERVATIONS

→ 2.5 °

NE - AL CEIMPTOLOUY PRANCH. . Leftac An - Jeather Servic,/mac

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 . 1   | LAUCE AT A.  | 71-12       | 48.7           |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALE WEATHER | .3.2÷5534      |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3            | 4 - 6 | 7 - 10 | 11 - 16           | 17 - 21           | 22 - 27      | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55  | ≥56 | *    | MEAN<br>WIND<br>SPEED |
|-------------------------|------------------|-------|--------|-------------------|-------------------|--------------|---------|---------|---------|----------|-----|------|-----------------------|
| N                       | • 1              | • '   | 2.6    | 1.0               | • .               |              |         |         |         |          |     |      | 15.7                  |
| NNE                     | • 7              | 1.7   | 1.5    | . 4               | • 1               |              |         |         |         |          |     | 4.7  | 7.1                   |
| NE                      | • 2              | • 7   | 1.2    | •€                |                   |              |         |         |         |          |     | 7    | c • 1                 |
| ENE                     | • ?              | 1.    | 1.6    | 1.6               |                   |              |         |         |         |          |     | 5.2  | :•9                   |
| E                       | 7                | 1.1   | 1.6    | 1.5               | • 5               | • 6          |         |         |         |          | !   | 0.1  | 12.0                  |
| ESE                     | ]                |       | 1.3    | 1.3               | . 4               | • 6          |         |         |         |          | i   | 3.7  | 13.5                  |
| SE                      | • .              | 1.4   | 1.2    | • 7               | . 7               | • 1          |         | i       | 1       | 1        |     | 4.5  | 100                   |
| SSE                     | 1.2              | 2.3   | 2.2    | 1.1               |                   |              |         |         |         |          | i   |      | 7.1                   |
| S                       | 1.2              | 1 • 1 | 2.6    | . 3               | • ?               | • 1          |         |         |         |          |     | . U  | 1.4                   |
| SSW                     | , <sup>6</sup> , | 1.    | 1.1    | 1.0               | • 1               |              |         |         |         |          |     | • 5  | c • 1                 |
| SW                      | 1.2              | 1.3   | .7     | 1.8               | • 2               |              |         |         |         |          |     |      | 7.6                   |
| WSW                     | 1.4              | 1.2   | .6     | • 1               |                   |              |         |         |         |          |     | 7. 7 | <b>4</b> • 0          |
| w                       | 1.4              | 1.3   | • •    | • 1               |                   |              |         |         |         |          |     | 3.7  | 4                     |
| WNW                     | . 1              | 1.3   | 1.1    | 1.3               | • ?               |              |         |         |         |          |     | 4.0  | 5.0€                  |
| NW                      | • 4              | 1.5   | 2.6    | 2.8               | • 9               | • 1          |         |         |         |          |     | 1.65 | 1                     |
| WMM                     | • 3              | • 0   | 1.3    | ?.□               | 1.0               |              |         |         |         |          |     | 5.6  | 11                    |
| VARBL                   |                  | • 1   | • 1    |                   |                   |              |         |         |         | <u> </u> |     | • •  | 7.00                  |
| CALM                    |                  |       | ><     | $\supset \subset$ | $\supset \subset$ | $\mathbb{X}$ | > <     | ><      | ><      |          | ><  | 19.7 |                       |
|                         | 12.5             | 23.1  | 24.2   | 10.8              | 4.9               | 1.4          |         |         |         |          |     | 17J. | 7.3                   |

TOTAL NUMBER OF OBSERVATIONS

899

DE PAR FRIMATOR DEV HARDEN COLONIATHON SERVICEZMAC

NW VARBL CALM

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1 1   | ع ل ۸ ل        | S AT A:       |         |        |         |         | 71-     | a C     |                |                |                |          |              | r               |  |  |
|---------|----------------|---------------|---------|--------|---------|---------|---------|---------|----------------|----------------|----------------|----------|--------------|-----------------|--|--|
| STATION |                |               | STATION | NAME   |         |         |         |         | ٧              | EARS           | -              |          | M            | ONTH            |  |  |
|         |                |               |         |        |         | ALL SE  | ATHER   |         |                |                |                |          | 5 5          | 5 ( n = n _ (n) |  |  |
|         |                |               |         |        |         | CL      | A55     |         |                |                |                |          | HOUR         | s (L.S.T.)      |  |  |
|         |                |               |         |        |         |         | `       |         |                |                |                |          |              |                 |  |  |
|         |                |               |         |        |         | CON     | DITION  |         |                |                |                |          |              |                 |  |  |
|         |                |               |         |        |         |         |         |         |                |                |                |          |              |                 |  |  |
|         |                |               |         |        |         |         |         |         |                |                |                |          |              |                 |  |  |
| ,       |                | <del></del>   |         |        |         |         |         |         | <del></del>    |                | <del>, ,</del> |          |              |                 |  |  |
|         | SPEED          | (             |         |        |         |         |         |         |                |                |                | <b>.</b> |              | MEAN            |  |  |
|         | (KNTS)<br>DIR. | 1 - 3         | 4 - 6   | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 26 - 33 | 34 - 40        | 41 - 47        | 48 - 55        | ≥56      | *            | WIND            |  |  |
|         |                | #             |         |        |         |         |         |         |                | <del> </del> - |                |          |              |                 |  |  |
|         | N              |               | 1.4     | 2.0    | 2.1     | - 2     |         |         | <del> </del> - | <del> </del>   |                |          | •            | 3.              |  |  |
|         | NNE            | 1             | • • •   | 1.2    | • 6     |         |         |         | <del> </del>   |                | · · · · · ·    |          |              | <del></del>     |  |  |
|         | NE             | <u> • č  </u> | 1.      | 1.3    |         | • 1     |         |         |                |                | ļ              |          | * 7          | 7.5             |  |  |
|         | ENE            | Ľi            | 1 • ?   | 2.1    | 2.1     | • 3     |         |         |                |                | 1              |          |              | 9.9             |  |  |
|         | E              | . 4           | 1.3     | 1.6    | 1.9     | 1 - 1   | . 4     |         |                | Į              | <u> </u>       |          | 6            | 11.4            |  |  |
|         | ESE            |               | • 4     | 1.1    | 1.6     | .6      | • 7     |         |                |                |                |          | . · · ·      | 12.5            |  |  |
|         | SE             | • 1           | 1.4     | 1.7    | 1.7     | • ?     | , 7     |         |                |                |                |          | . • 4        | 1               |  |  |
|         | SSE            | • 5           | 1.9     | 2.2    | • 7     | • 3     |         |         |                |                |                |          | 1.0          | 7.              |  |  |
|         | \$             | , c           | 1.      | 2.5    | 1.5     | • 4     |         |         |                |                |                |          | 1 .          | 103             |  |  |
|         | ssw            | • -           | 1.4     | 2.1    | .8      |         |         |         |                |                |                |          | . 1          | 7 , 4           |  |  |
|         | SW             | .5            | ۰٥      | 1.4    | 1.1     |         |         |         |                |                |                |          | 4 <b>6</b> G |                 |  |  |
|         | WSW            | 1.4           | • •     | . 7    |         |         |         |         |                |                |                | ĺ        | ر و ز        | 9 0 10          |  |  |
|         | w              | 2.1           | 1.0     | • 3    |         |         |         |         |                | İ              |                |          |              | ي و د           |  |  |
|         | WNW            | . 4           | 1.5     | 1.6    | 1.6     |         |         |         |                |                |                |          | . 1          | c • 2           |  |  |

TOTAL NUMBER OF OBSERVATIONS

TE AL CLIMATOLOUV LUBECH Louis Tai Al Lifatheru Servicuzmac

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1     | LAURO A - AZ | 71+73      | <b>A</b> F - 1   |
|---------|--------------|------------|------------------|
| STATION | STATION NAME | YEARS      | MONTH            |
|         |              | THE STATES | 930 <b>-11</b> 0 |
|         |              | CLASS      | HOURS (L.S.T.)   |
|         |              |            |                  |
|         |              | COMPLYION  |                  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------|--------|---------|----------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       | •                 | 1.    | 3.2    | 2.1     |          |         |         |         |         |         |     | 7.6   | ٠, 4                  |
| NNE                     |                   | 1.7   | 1.6    | • ¢     |          |         |         |         |         |         |     | 4.4   | 7 • 3                 |
| NE                      |                   | 1.6   | 1.0    | . 4     |          |         |         |         |         |         |     | ***   | C o                   |
| ENE                     | ٠ ٦               | 1.5   | 2.1    | 7.4     | • 6      |         |         |         |         |         |     | 7.    | 1 •                   |
| E                       | • '               | 1.6   | 2.9    | 2.3     | 1.7      | • ?     |         |         |         |         | !   | 1 . 5 | 14.5                  |
| ESE                     |                   | • 1   | 1.2    | • ?     | • 5      | • 3     |         |         |         |         | (   | 7.3   | 1 + • 7.              |
| SE                      |                   | 1.1   | 3.1    | 2.7     | . 4      | • 7     |         |         |         | i       |     | 7.7   | 11.1                  |
| SSE                     | • `               | 1.6   | 2.4    | 1.3     | . 4      |         |         |         |         |         | !   | 5.1   | ~ · .                 |
| S                       | • 4               | 1.    | 2.7    | 1.3     | • t      |         |         |         | i       | !       |     | •     | ¥ . ?                 |
| ssw                     | • 1               | 1.7   | 1.2    | 1.0     | • 2      |         |         |         |         |         | !   |       | 7.4                   |
| sw                      | , ?               | 1. ^  | 2.6    | 1.7     |          |         |         |         |         |         |     | . • 5 | <b>ნ "</b> 9          |
| WSW                     | •                 | 1.1   | 2.0    | • 7     |          |         |         |         |         |         |     | + • l | 7 . 5                 |
| w                       | • .7              | 6     | • B    | . 4     |          |         |         |         | 1       |         | !   | 3     | 7.0                   |
| WNW                     | • 1               | • .7  | 2.4    | 2.4     | • 3      | • 1     |         |         |         |         |     | ا د د | 1                     |
| NW                      |                   | 1.5   | 3.9    | 3.6     | 1.3      |         |         |         |         | I       |     | 1 . 7 | 100                   |
| WMM                     | . 4               | • 6   | 2.6    | 3.6     | • 6      | • 3     |         |         |         |         |     | - • - | 11.7                  |
| VARBL                   |                   | • 1   | • 3    | • 2     |          |         |         |         |         | Ĺ       | Ī   | . 7   | 9.3                   |
| CALM                    | $\supset \subset$ | > <   | ><     | ><      | $\times$ | >>      | ><      |         | ><      |         |     | . •   |                       |
|                         | 4.6               | 19.1  | 36.4   | 28.8    | 7.0      | 1.4     |         |         |         |         |     | 1     | ,                     |

TOTAL NUMBER OF OBSERVATIONS

L TAL CLINATOLOUV NIMBOR UF TAG 21 L STHON SERVAL ZMAG

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| . 1     | LAUFL AF AC  | 71-°        |       | <u>.</u> ;     |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | MONTH          |
|         |              | ALL PEATHER |       | 10 7-140       |
|         |              | CLASS       |       | HOURS (L.S.T.) |
|         |              | CONDITION   |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 |       | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|--------|---------|---------|----------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | 1.       | 7,7    | 2.7     | • 2     |          |         |         |         |         |      | 1.0   | 1 2.0                 |
| NNE                     | • 1   | • 7      | 7.2    | \$.     |         |          |         |         |         |         |      |       | • •                   |
| NE                      | _ •   |          | 2.4    | . 4     |         |          |         | Ĺ       |         |         |      | > 5   | 7.1                   |
| ENE                     | • .   | 1.4      | 7.     | 2.7     | • 3     |          |         |         |         |         |      | 7.    | · · ·                 |
| E                       | • .'  | 1.3      | 2 • ₹  | 7.9     | 1.7     | • 3      |         |         |         |         |      | • î   | 12.                   |
| ESE                     |       | • 4      | • ?    | 1.6     | • 2     | • 2      |         |         |         |         |      | . • : | 13.1                  |
| SE                      | 1     | • 1      | 2.7    | 3.7     | . 4     | • 6      |         |         | _       |         |      | • • • | 1.7.                  |
| SSE                     | • 1   |          | 7.9    | 1.6     | . 4     |          |         |         |         |         |      |       | 12.3                  |
| S                       | • 1   | • 3      | 2.5    | 2.3     | ?       |          |         |         |         |         |      |       | 11.                   |
| ssw                     | i     | • 0      | 3.2    | 1.1     | • 1     |          |         |         |         |         |      | 5.7   | 7.1                   |
| sw                      |       | • f      | 2.1    | 2.7     | • 2     |          |         |         |         |         |      | • 5   | 11.0                  |
| wsw                     |       | . 7      | 1.8    | 1.7     |         |          |         |         |         |         |      | . n   | 10.                   |
| w                       |       | • 7      | • 2    | • 9     |         |          |         | ļ       |         |         |      | 4.04  | 11                    |
| WNW                     |       | •        | 1.1    | 2.3     | ٠,      |          |         |         | İ       |         |      | 4.    | 1 . •                 |
| NW                      | •     | 1.7      | 3.3    | 5 • €   | 1.4     |          |         |         |         |         |      | 11.2  | 11.                   |
| MMM                     | • 1   |          | 2.6    | 4.7     | 1.1     | •        |         |         |         | I       |      | / 4   | 12                    |
| YARBL                   | •     |          | • ?    | . 3     |         |          |         |         |         |         |      | • •   | 1.1                   |
| CALM                    | ><    | $\times$ | ><     | ><      | ><      | $>\!\!<$ | ><      | ><      |         |         | ><   | • 5   |                       |
|                         | 2.0   | 13.7     | 36.0   | 33.2    | 8.2     | 1.3      |         |         |         |         |      | 1.7.  | 5 <b>و</b> س 1        |

TOTAL NUMBER OF OBSERVATIONS

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L AL CLIMATOLOCY RHAICH L MELTAC AC CATHER SERMICEZMAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 _ 1   | LAUES A. A.  | 71 - 43     | # F      |  |  |  |
|---------|--------------|-------------|----------|--|--|--|
| STATION | STATION NAME | YEARS       | MONTH    |  |  |  |
|         | ,            | ALL VESTULA | 17 7-177 |  |  |  |
|         |              | CLASS       |          |  |  |  |
|         |              |             |          |  |  |  |
|         |              | CONDITION   |          |  |  |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27    | 28 - 33 | 34 - 40  | 41 - 47          | 48 - 55     | ≥56      | *               | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|-------------|---------|---------|------------|---------|----------|------------------|-------------|----------|-----------------|-----------------------|
| N                       | 7           | 1.    | 1.6         | ?∙6     | £.      | • 1        |         |          |                  | 1           |          | 7               | 15.                   |
| NNE                     | . 4         | 2 •   | 1.7         | . 4     |         |            |         | T        |                  |             |          |                 | ა •                   |
| NE                      | • :         | 2.7   | 1 • °       | ٠       |         |            |         |          |                  |             |          | •               | 7.                    |
| ENE                     | • *         | 1 • 4 | 2.3         | 1.0     | • 1     | • 1        | 1       |          |                  |             |          | , , ,           | ે .                   |
| E                       | • '         | 1.0   | 7.4         | 3.7     | 2.      | • î        |         | I        |                  |             |          | 1               | 15.5                  |
| ESE                     |             | • 7   | 1.1         | 2 • 1   | . 7     | <b>.</b> 4 | ĺ       |          |                  |             |          | • •             | 12.7                  |
| SE                      | . 1         | • 7   | 1.7         | 1.9     | • 3     | •          | i       | ì        |                  |             | ļ        |                 | 11.                   |
| SSE                     | , 7         | 1.    | 3.6         | 1.7     | • .7    |            |         |          |                  |             | <u> </u> | <u> ₹. • †.</u> | 7.                    |
| 5                       | •           | • .7  | 2.7         | 1.7     | . 4     |            |         | ]        | <u> </u>         | ·           | L        | • 1             | ال و د ا              |
| SSW                     | • 1         | 1.2   | 2.7         | 1.7     | . 4     | • 1        |         |          | <u> </u>         |             |          |                 | 2.0                   |
| SW                      | • 1         | 1.    | 1.5         | 1.4     | • 6     | • 7        | ·<br>   | <u> </u> |                  |             |          | •               | 11.7                  |
| wsw                     |             | • 7   | 2.6         | 1.2     | • 1     |            |         | <br>     | <br><del> </del> |             | <u> </u> | 4.5             | 4.7                   |
| w                       |             | • 1   | 1.2         | .6      | • 3     |            |         |          | <u> </u>         |             | <u> </u> |                 | 11.:                  |
| WNW                     |             | • 2   | 1.0         | 1.9     | • ?     |            |         |          | <u> </u>         |             | ļ        | ٠.,             | 1                     |
| NW                      | • 1         | • 7   | 7.          | 4.2     | 1.7     | • 1        |         | 1        |                  |             | <u> </u> | ••4             | 12.3                  |
| NNW                     | . 4         | - 14  | 1.7         | 4.0     | 1.7     | •:         | • 1     |          |                  |             | !<br>    | • •             | 13.                   |
| VARBL                   | •.7         | • ?   | • 4         | • 3     |         |            |         |          |                  | L           |          | 1.3             | 7.1                   |
| CALM                    | $\geq \leq$ | ><    | $\geq \leq$ | ><      | ><      | ><         |         |          |                  | $\geq \leq$ |          | • 9             |                       |
|                         | 3.4         | 16.3  | 35.3        | 33.1    | 8.6     | 2.1        | • 1     |          |                  |             |          |                 | 11.0                  |

TOTAL NUMBER OF OBSERVATIONS

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### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1     | 1. 1. 1.                | <u>, , , , , , , , , , , , , , , , , , , </u> |         |        |         |         | 71-         | -8 <u>3</u> |              |  |   |              |   | •                     |
|---------|-------------------------|---|---------|--------|---------|---------|-------------|-------------|--------------|--|---|--------------|---|-----------------------|
| STATION |                         | · · · · · · · · · · · · · · · · · · ·         | STATION | NAME   |         |         |             |             |              | EARS   |   |              | M   | IONTH                 |
|         |                         | _   |         |        |         | BEE at  | ATHER       |             |              |  |   |              | <u> </u>  | -                     |
|         |                         |   |         |        |         | CL      | .A85        |             |              |  |   |              | HOUR  | S (L S.T.)            |
|         |                         | _   |         |        |         |         |             |             |              |  |   |              |   |                       |
|         |                         |   |         |        |         | CONI    | DITION      |             |              |  |   |              |   |                       |
|         |                         |   |         |        |         |         |             |             |              |  |   |              |   |                       |
|         |                         |   |         |        |         |         |             |             |              |  |   |              |   |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3   | 4 - 6   | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27     | 28 - 33     | 34 - 40      | 41 - 47  | 48 - 55                                 | ≥ 56         | %   | MEAN<br>WIND<br>SPEED |
|         | N                       | 1.  | 1.      | 3.     | 1.0     | • 5     |             |             |              | <del>†                                    </del> |   | •            |   |                       |
| ļ       | NNE                     | 1.7   | 1.      | 1.7    | • 9     |         |             | <u> </u>    | · -          | <u> </u>   | •                                       | i            |   |                       |
| j       | NE                      |   | • 7     | 1 •    | • 6     |         | ļ           |             | ļ            |  | ·                                       |              | <u>. • :                                   </u> | 7.                    |
| ĺ       | ENE                     | 1.  | 1.7     | 2.1    | 2.1     | . 7     | i           |             |              |  | <b>.</b>                                |              | <u> </u>  |                       |
| }       | ŧ                       | 1   | 1.1     | 2.5    | 2.0     | 1.7     |             |             |              |  |   |              | • **  | 1 .                   |
|         | ESE                     | . 2   | • 7     | 1.     | 1.7     | • ;     | • .         | i           | <u> </u>     |  | <u></u>                                 | •            | <u> </u>  | 110                   |
| - 1     | SE                      | . 7   | . 7     | 2.6    | 1.0     | • 4     | • 1         |             | <u> </u>     |  |   | •            |   | <u> </u>              |
|         | SSE                     | • 6   | 2.0     | 3.1    | • 6     |         |             | •           | ·<br>        | <u> </u>   | • - · - <del>-</del> · -                | <del></del>  |   |                       |
| ŀ       | S                       | 1.1   | 2.4     | 1.5    | 1.7     | • `     |             |             | ·            | <u> </u>   | ·                                       |              | <u> </u>  | · · · · · ·           |
| ļ       | SSW                     |   | 1.2     | 1.1    | 1.0     | • 7     | . 1         | ·           | i<br>•       | <u> </u>   | • · · · · · · · · · · · · · · · · · · · | <del> </del> | <b></b>   | )                     |
|         | sw                      |   | 1.7     | 1.     | ۵ .     | • ?     | • 1         | <u> </u>    | ·            | <u> </u>   | ·                                       | • •          | 1   | · _ •                 |
| ŀ       | wsw                     | • •   | 1.2     | 1.7    | • 3     |         |             |             | :<br>•       | ·  | •                                       | •            |   |                       |
| ļ       | w                       | • "   | 2.1     | • 0    | • 1     | • 1     | <u> </u>    |             | <del></del>  | +  | <del></del>                             | <del></del>  |   |                       |
| 1       | WNW                     |   | 1.6     | 1.4    | 1.8     | •6      | -1          | ļ           | <del> </del> | <del></del>                                      | ·                                       | <u> </u>     | ,   | · · · ·               |
| ļ       | NW                      | ن ،   | 1.      | 2.5    | 3.0     | 1.7     | • 1         | <b></b>     | i<br>*       | <del> </del>                                     | <del>-</del>                            | <u> </u>     | •   |                       |
| l       | NNW                     |   | 1.7     | 2.4    | 7.2     | • B     | • 2         | • 1         |              | ļ  | ·                                       | •            | •   | 11.                   |
| ;       | VARBL                   | 1   | • 1     | . 4    |         |         | ļ           |             | <u> </u>     | ļ  | <u> </u>                                | اد به        | •   | · · · · · ·           |
|         | CALM                    |   | ><      | ><     | ><      | ><      | ><          |             | ><           |  |   |              | • •   | ļ                     |
| ,       |                         | #   |         |        |         |         | <del></del> | است سعام    | *******      |  | <del></del>                             | *            |   | +                     |

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | <u> </u>                | : a a.      |             | N NAME      |         |         | 71-     | <u> </u>    | <del></del> ::   |          |  |   | - <del></del> | ,<br>IONTH            |
|---------|-------------------------|-------------|-------------|-------------|---------|---------|---------|-------------|------------------|----------|--|---|---------------|-----------------------|
| STATION |                         | <del></del> | STATIO      | N NAME      |         | 11 L 15 | ATH     |             |                  | EARS     | <del>_</del> _                               |   | <u> </u>      | -                     |
|         |                         | -           |             |             |         |         | DITION  |             |                  |          |  |   | HOUR          | PS (€ 5.₹ )           |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40          | 41 - 47  | 48 - 55                                      | ≥ 56                                    | *             | MEAN<br>WIND<br>SPEED |
| ļ       | N                       | •           | 1.1         | 7 . ?       | 1.1     | • ,     |         |             |                  |          |  |   | • • •         |                       |
| ļ       | NNE                     |             | •           | 1.1         |         |         | • 1     |             |                  | !        |  |   | *             | •                     |
| ĺ       | NE                      |             | • '         | 1.          | • 0     |         |         |             |                  |          |  |   | •             |                       |
|         | ENE                     | ,           | 1 • '1      | 7.          | 1.7     | • 2     |         |             |                  | i        |  |   | 1             | •                     |
| ł       | E                       |             | • 4         | 2.4         | 7.      | . د     | • 7     | !           |                  |          |  |   | •             |                       |
|         | ESE                     | · 1         | • 1         | 1.7         | 1.7     | 1.      | • .     |             |                  |          |  |   |               | 1                     |
| Į.      | SE                      | • **        | 1.          | 2 . 4       | • 2     | . 4     |         |             | 1                |          |  |   | 7             |                       |
|         | SSE                     | . •         | 2.0         | 7.          | • 4     |         |         |             |                  |          |  |   | •             | •                     |
|         | 5                       | 1 .         | 2. 1        | 2.1         | • 7     | • 7     |         |             |                  |          |  |   | <u> </u>      |                       |
|         | ssw                     | • 7         | 1.1         | • 3         | . 4     | . 1     |         |             |                  | <u> </u> |  |   |               |                       |
|         | sw                      | 1.          | 1.4         | 1.3         | .6      | - 1     |         | <b></b>     | !                | <u> </u> | <u> </u>                                     | ·                                       | <u> </u>      | <u> </u>              |
|         | wsw                     | 1.7         | 1.7         | 1.1         | . 4     |         |         |             | ;<br>•           | •        | ·  |   | <u> </u>      | 2 .                   |
|         | w                       | 2.4         | 1.3         | 1.2         | • ?     |         |         |             |                  | •        |  |   |               |                       |
|         | WNW                     | · .         | 7.1         | 1.,         | 1.3     | • -     |         | <u> </u>    | ļ<br>•           | ·<br>    | ·  |   |               | <u> </u>              |
|         | NW                      | •           |             | 1.1         | 2 • 3   | • 4     | <br>    |             | i                | <u> </u> | <u> </u>                                     |   | • • •         | 110                   |
|         | NNW                     | • 3         | •           | 2.2         | ?       | 1.3     | • 1     |             | <u> </u>         | ļ        | *  | · — · · · · · · · · · · · · · · · · · · |               | 1.01                  |
|         | VARBL                   | • 1         | . 1         | - 1         |         |         |         |             | <br><del> </del> | Ĺ,       | <u>.                                    </u> | •                                       | <u> </u>      |                       |
|         | CALM                    |             | $\geq \leq$ | $\geq \leq$ | $\geq$  |         | ><      | $\geq \leq$ | $\geq$           |          |  |   | 1 •:          | 1                     |
|         |                         | 11.2        | 1 ) . 7     | 27.5        | 20.5    | 5.5     | 1.1     |             |                  |          |  |   | 1             | 7.                    |

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1 1   | EAUEU AS AC | 71+2 :   | * F            |
|---------|-------------|----------|----------------|
| STATION | STATION NE  | YEARS    | MONTH          |
|         | <u>٠.</u>   | L SEATTE | 266            |
|         | <del></del> | CLASS    | HOURS (L.S.T.) |
|         |             |          |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       |             | 1.7   | 2.4    | 2.3     | . 4     | •       |         |         |         |         |     | , 7   |                       |
| NNE                     |             | 1.7   | 1.7    | • 6     | •       | •       |         |         |         |         |     | 1     | • •                   |
| NE                      | •           | 1.2   | 1 • 4  | • K     |         |         |         | i .     | ]       |         |     | . •   | 7.                    |
| ENE                     |             | 1.6   | 2.2    | 2.1     | • .     | •       |         |         |         |         |     | •     | 4.5                   |
| E                       | . 4         | 1.2   | 2.4    | 2.5     | 1.      | . 4     |         |         |         |         |     | • -   | 11.5                  |
| ESE                     | • 1         | • '   | 1.1    | 1 • *   | • ,     | • 7     |         |         |         |         | Ī   | • • . | 1.0                   |
| SE                      | •           |       | _      | 1.7     | . 4     | • 7     |         | !       |         | !       |     | •     | 10.7                  |
| SSE                     | •           | 1.    | 2.0    | 1.1     | • 7     |         |         | i       |         |         |     | . 7   | <b>)</b> •            |
| 5                       | • **        | 1.4   | 2.3    | 1.2     |         | •       | •       | i       |         |         | i   | • 1   | • 1                   |
| ssw                     | • •         | 1.1   | 1.7    | 1.1     | • 2     | • •     |         | j       |         |         | ]   | 4.    |                       |
| sw                      | •           | 1.2   | 1.5    | 1.4     | • 6     | • 1     |         |         |         |         |     | •     | · · :                 |
| wsw                     | •           | • 2   | 1.4    | .1      | • "     |         |         |         |         |         |     | • 7   | 7.                    |
| w                       | . 1         | 1.1   | • "    | 3       | • 1     |         |         |         | 1       |         |     |       | <u>5</u> .            |
| WNW                     |             | 1.1   | 1.7    | 1.4     | • 4     | •       |         |         |         |         | i   | •     | •                     |
| NW                      | · t.        | 1.1   | ₹.5    | 7.3     | 1.      | • 1     |         | I       |         |         |     | • -   | 11.                   |
| NNW                     | ,           | •     | · •    | 3.5     | 1.1     | • 1     | • ^     |         |         | 1       |     | 1     | 11                    |
| VARBL                   | • 1         | • 1   | • ?    | • 1     |         |         |         |         |         | i       | í   | • .   | 7. •                  |
| CALM                    | $\geq \leq$ | >>    | ><     | ><      | ><      | > <     | ><      |         |         |         |     | •     |                       |
|                         | 7.3         | 14.6  | 30.7   | 27.6    | 6.3     | 1.4     | ٠٦      |         |         |         |     |       | •                     |

TOTAL NUMBER OF OBSERVATIONS  $\neg_1 \circ$  .

USAFETAC FORM 10-8-5 OL-A - PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1971  | LIUET A. A.  | 71-60       |       | ** <u>4</u> *                                      |
|---------|--------------|-------------|-------|--|
| STATION | STATION NAME |             | YEARS | MONTH  |
|         |              | NEL WEATHER |       | , ,~~~ <del>-                               </del> |
|         |              | CLASS       |       | HOURS (L.S.T.)                                     |
|         |              |             |       |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33    | 34 - 40 | 41 - 47 | 48 - 55  | ≥ 56   | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|----------|------------|---------|---------|----------|--------|----------|-----------------------|
| N                       | . 1.  | 2.3   | 7      | 1.9     |         |          |            |         |         |          |        | •        | . • .                 |
| NNE                     | • .   | • ?   | 1.1    | • 1     |         | •        |            |         |         |          |        |          | . 7                   |
| NE                      |       | 1.1   | • *    |         |         |          |            |         |         |          |        |          | ٠.                    |
| ENE                     | • !   | • 7   | • 3    | • 1     |         |          |            |         |         |          |        | • •      | 7.                    |
| E                       |       | • 1   | • ^    | • +     |         | į.       |            |         |         |          |        | 1.       |                       |
| ESE                     |       | . 4   | • t    | • 1     |         |          |            |         |         |          |        | . •      | 7.                    |
| SE                      | • 1   | •     | ٠ د    | • 5     | 1       |          |            |         |         |          |        |          |                       |
| SSE                     | •     | 2 • ° | 1.4    | • 0     |         | I        | ī <u>.</u> |         |         | •        |        | • .      | 7.1                   |
| 5                       | 1     | 1 •   | 1.     | . 7     | • 1     | <u> </u> |            | i       | :<br>•  | <u> </u> |        |          | 500                   |
| ssw                     | i •   | 1.1   | •      | • 4.    | • 7     |          | i<br>•     | i<br>   | i       | ·        | ·      | <u></u>  | 7.                    |
| sw                      | 1.4   | 2.07  | 2.5    | 1.2     | , ,     | • 1      |            |         |         |          |        | • 1      |                       |
| wsw                     | 1.1   | 1.7   | 2.2    | • 6     | • 1     | L        | <u> </u>   |         | •       |          | ·<br>  | . 4      | 7.                    |
| w                       | 7.7   | 2.6   | ?.?    | • 3     | • 1     |          |            |         | ·       |          | ·      | <u> </u> | t                     |
| WNW                     |       | 2.5   | 2.9    | 1.3     |         | <u> </u> | <u> </u>   |         |         |          | i      |          | 7.                    |
| NW                      | . 7   | 2.    | 3.0    | 2.6     |         | • .      | • 1        |         |         |          | i<br>• | 1        | _ ₹ • 5               |
| NNW                     |       | 1 •   | 1.     | 1.0     | • 3     |          |            |         |         | 1        |        |          | ٠.                    |
| VARBL                   | •     |       | • 1    |         |         | I        |            |         | I       | 1        |        |          | ٠.                    |
| CALM                    |       | ><    |        | ><      |         |          |            |         |         |          |        |          |                       |
|                         | 12.   | 23.0  | 27.2   | 13.4    | 1.5     | . 6      | • 1        |         |         |          | 1      | i        |                       |

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 _ 1   | LAUF, A. A.  | 71-24       | ₩ <b>%</b> ₩     |
|---------|--------------|-------------|------------------|
| STATION | STATION NAME | YEARS       | MONTH            |
|         |              | ALL GEATHER | ## <u>= 2</u> 0% |
|         |              | CLASS       | HOURS (L.S.T.)   |
|         |              | CONDITION   | <u> </u>         |

| SPEED<br>(KNTS)<br>DIR, | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21    | 22 - 27  | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55 | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|------------|----------|---------|----------|---------|---------|------|-------|-----------------------|
| N                       |       | 1.    | 1.     | 1.4     | <u>•</u> 1 |          |         |          |         |         |      | 1     | • 5                   |
| NNE                     |       |       | 1.2    | • 1     |            | • /      | • 1     |          |         |         |      | 1 2   | 1                     |
| NE                      | . 14  | • '1  |        | • 2     |            |          |         | Ĭ        |         | 1       | Ī    | •     | · • i                 |
| ENE                     | • 1   | • 1   | • 2    |         |            |          |         |          |         |         |      | . 4   | ວ • ິ                 |
| E ;                     | •     | • ^   | • ?    | 3.      |            |          |         |          |         |         |      |       | ک و د                 |
| ESE                     | • ì   | • _   | • E    |         |            |          |         |          |         |         | !    | 1.2   | 6.7                   |
| SE                      | •     | . 4   | 1.1    |         |            |          |         |          |         | 1       |      | i • ' |                       |
| SSE                     | 1.1   | 1.    | 2.2    | ٠,      |            |          |         |          |         |         | !    | . 1   | 7.1                   |
| S                       | 1.    | • "   | 1.6    | • 5     |            |          |         |          |         | ·       |      | 3.4   | 7                     |
| S5W                     | 1.0   | 1.    | 1.5    | . 4     | ?          |          |         |          |         | 1       |      | 4.2   | 7.5                   |
| SW                      | • 1   |       | 3.2    | 1.6     | • 2        |          |         |          |         |         |      | 7     | ;                     |
| WSW                     | 1.2   | 1.2   | 1.6    | 1.0     |            |          |         |          |         |         |      | 4.5   | 7 • 1                 |
| w                       | 1.5   | 2.5   | 2.     | • P     | • 1        |          |         |          | 1       |         | 1    | 7.4   | 5                     |
| WNW                     | 1.7   | 2 • 0 | 3.2    | 1.2     |            |          |         |          |         |         |      |       | 7.1                   |
| NW                      | • 6   | 2.    | 3.0    | 2.5     | • ;        | • 1      |         |          |         |         |      | 1     | 7                     |
| NNW                     | . 3   | 1.0   | 2.0    | 2.5     | • 4        | • :      |         |          |         | !       |      | 1 ?•ā | 7.7                   |
| VARBL                   | • !   | • 1   | •1     | • 1     |            |          |         |          |         |         | :    | .4    | `•                    |
| CALM                    | ><    | > <   |        | ><      | $\times$   | $>\!\!<$ | > <     | $\times$ | $\geq$  | ><      |      | 15.3  |                       |
|                         | 11.4  | 17.4  | 27.7   | 14.2    | 1.4        | • E      | • 1     |          |         |         |      | 1     | <b>.</b>              |

TOTAL NUMBER OF OBSERVATIONS

LE REPORTATIONS, YEAR ON THE

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | EASE A A A A | 71-40       | 18 <u>*</u> V                  |
|---------|--------------|-------------|--------------------------------|
| STATION | STATION NAME | YEARS       | MONTH                          |
|         |              | FLL MEATHER | + <u>_</u> ^ = `∈ <sup>*</sup> |
|         |              | CLASS       | HOURS (L.S.T.)                 |
|         |              | CONDITION   |                                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6          | 7 - 10  | 11 - 16 | 17 - 21 | 22 - 27     | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55 | ≥ 56     | •      | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------------|---------|---------|---------|-------------|---------|----------|---------|---------|----------|--------|-----------------------|
| N                       | •     | 1              | 2.7     | 1.4     |         |             |         |          |         |         |          |        |                       |
| NNE                     |       |                | 1."     | • 3     |         | •           |         |          |         |         |          | ا ر•   | · · · ·               |
| NE                      | • ~ [ | 1.1            | 1 • 1   | • 1     |         |             |         |          |         | ·       |          |        | ٠.٠                   |
| ENE                     | • 1   | • <del>1</del> |         |         |         |             |         |          |         |         | <u>i</u> | • •    | ^•_•                  |
| E                       | •     | • *            | • F:    | 1.1     |         |             |         |          |         |         |          | . • ċ  | 70.                   |
| ESE                     |       |                | . 4     | • 1     |         |             | 1       |          |         |         | i        | • <    | ≪ • •                 |
| SE                      | • *   | 1.             | 1.2     | • 5     |         |             |         |          |         |         | İ        |        | 7 • →                 |
| SSE                     | 1 - 1 | 1.5            | 1.9     | . 5     |         |             |         |          |         |         |          | • 1    | · • *                 |
| S                       | 1.7   | 2 •            | 2.6     | • 6     |         |             |         |          |         |         |          | 7 • .  | <u> 6•∶</u>           |
| SSW                     | • ;   | • **           | ي .     | • 0     |         |             |         |          |         |         | <u> </u> | 1      | 7.4                   |
| SW                      | 1.1   | 1.             | 1.6     | 1.5     | • 1     |             | İ       | <u> </u> |         |         | i        | '- · i | 4                     |
| wsw                     | 1.    | 1.             | 1.6     | 1.7     | • 1     |             |         | L        | !       |         |          | , . 7  | •                     |
| w                       | 1.3   | 1.4            | 2.2     | 1.6     |         |             |         |          |         |         |          | 2.00   | 7.3                   |
| WNW                     | 1.3   | 2 • 1          | 3.2     | 1.2     | • 1     |             |         |          |         |         |          | - • &  | 7.4                   |
| NW                      | 1.2   | 2.1            | 4.4     | 3.9     | • 5     | • 1         |         |          |         |         |          | 12     | ** • *                |
| NNW                     | • -   | • 5            | 2.4     | 7.2     | • 2     | • ?         |         |          |         |         |          | • • 3  | 11.4                  |
| VARBL                   |       |                |         |         |         |             |         |          |         |         | i        |        |                       |
| CALM                    |       | > <            | > <     | > <     | > <     | $\supset <$ |         |          |         |         |          | 19.6   |                       |
|                         | 1:.7  | 19.5           | . a ≥ 1 | 18.4    | 1.3     | , à         |         |          |         |         |          | 170.0  | h • 7                 |

TOTAL NUMBER OF OBSERVATIONS

., .

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO THE CLIVATULOUS FRANCH TO HETAS AND FATHER SCRVINGSHAD

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1     | LAJES AS AS  | 71-60       |             | <i>⊷</i> <u>′</u> |
|---------|--------------|-------------|-------------|-------------------|
| STATION | STATION NAME | *           | YEARS       | MONTH             |
|         |              | ALL ACATHER |             |                   |
|         |              | CLASS       | <del></del> | HOURS (L.S.T.)    |
|         |              |             |             |                   |

| SPEED<br>(KNTS)<br>DIR. | 1 · 3    | 4 - 6 | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40  | 41 - 47 | 48 - 55  | ≥ 56     | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------|----------|---------|---------|---------|----------|--|---------|----------|----------|----------|-----------------------|
| N                       |          | 2.3   | 3.1      | 3.2     | • (*    | • 1     |          |  |         |          |          |          | 7                     |
| NNE                     |          | 1.3   | 1.3      | • 1     | • 1     |         |          |  |         |          |          |          | 7.6                   |
| NE                      | 1.07     | 2•€   | 1.5      | . 7     |         |         |          | İ  |         |          | i        |          | ÷ 7                   |
| ENE                     | 1.       | 1.2   | • ?      | . 1     |         |         |          |  |         |          |          | ] [•3    | 4.                    |
| Ė                       | • `      | 1.4   | 1.5      | 1.1     |         |         |          |  |         |          |          | - • 5    | 4.1                   |
| ESE                     | • -      | • ¢.  | 1."      | • 2     |         |         |          |  |         |          | i        | 1.       | 7.4                   |
| SE                      | . 4      | 1.3   | 2.6      | 1.1     |         |         |          |  |         |          |          |          | 50.                   |
| SSE                     | • 1      | 1.2   | 3.3      | .6      | • 7     |         |          |  |         |          |          | <u> </u> | 8.0                   |
| S                       | , c      | 1.3   | 1.7      | 1.0     |         |         |          | <u>.                                      </u> |         |          |          | 4.5      | 5.                    |
| ssw                     |          | 1.1   | 1.2      | 1.0     | 7       |         |          | ļ  |         |          | ļ        | 4.3      | , , ,                 |
| sw                      | • 3      | 1.5   | 1.9      | 2.0     | • ?     |         |          |  |         |          | l        | 5.1      | 9.4                   |
| wsw                     | . ?      | . 4   | 2.8      | 2.3     | . 4     | • 1     |          |  | !       |          | <u> </u> | 1.2      | 1000                  |
| w                       | • 1      | • 1   | 1.8      | ۹.      |         |         |          |  |         |          | <u> </u> | 2.2      | G . (,                |
| WNW                     | • 1      | • 4,  | 2.8      | 2.9     | . 4     | • 2     |          |  |         |          |          | 7.1      | 11.3                  |
| NW                      |          | 1.5   | 5.5      | 5.6     | 1.1     | • 1     | Ĺ        |  |         | <u> </u> | ļ        | 1: • 4   | 14.1                  |
| NNW                     | . 4      | 1.3   | 4        | 4.4     | 1.2     | , K     |          |  |         |          | \<br>    | 12.4     | 11.:                  |
| VARBL                   | L        | ٠ ٦   | . 4      |         |         |         |          |  |         | <u> </u> | <u> </u> |          | - 7                   |
| CALM                    | $\geq <$ |       | $\geq <$ | ><      | ><      | ><      | $\geq <$ | ><   |         |          |          | 2.7      |                       |
|                         | 7.2      | 17.9  | 33.5     | 26.6    | 4.7     | 1.1     |          |  |         |          |          | 100.0    | 4                     |

TOTAL NUMBER OF OBSERVATIONS

c. 7

LE L'AR CLIMATOLOLY I PANCH LARGE AN SERVICEMMAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AR AS  | 71-83       | ~ <u>~</u> ~ ~ |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEAF        | S MONTH        |
|         |              | ALL XEATHER | 1000-145.      |
|         | <del></del>  | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47 | 48 · 55     | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|--------|---------|----------|---------|-------------|-------------|---------|-------------|------|-------|-----------------------|
| N                       | •        | • >      |        | 2.6     | ٠,       | • 1     |             |             |         |             |      | • 2   | 10.                   |
| NNE .                   | • 4      | 1.       | 2.7    | . 4     | • 1      |         |             |             |         | , ,         |      | 1     | 7.                    |
| NE                      | 1.1      | 2.7      | 1.3    | • ?     |          |         |             |             |         |             |      | 9.00  | U .                   |
| ENE                     | • £.     | 1.6      |        | • 2     |          |         |             |             |         |             |      | 1.1   |                       |
| E                       | ۶ .      | 1.2      | 2.6    | 1.2     |          |         |             |             |         |             |      | J     | ا ۾ ت                 |
| ESE                     |          | • 7      | 1.3    | 9.0     |          |         |             |             |         |             |      | 2.3   | 9.                    |
| SE                      |          | • •      | 1.3    | . 4     |          |         |             |             |         |             |      | 3.    | •                     |
| SSE                     | • 1      | • 2      | 3.1    | 1.2     |          |         |             |             |         |             |      | 4.5   | 7.                    |
| S                       | • 1      | 1.2      | 2.3    | 1.5     | • 1      |         |             |             |         |             |      | 4.0   | ¢.                    |
| SSW                     |          | • 6      | 2.3    | 1.2     |          | • 2     |             |             |         |             |      | 4.7   | 15.                   |
| SW                      |          | • 6      | 3.1    | 2.3     | • 3      |         |             |             |         |             |      | 0.3   | 1: •                  |
| wsw                     |          | • 6      | 1.7    | 1.7     | 1.2      | • 1     |             |             |         |             |      | ٠, 4  | 12.                   |
| w                       |          | • -      | • 9    | 1.8     | • 2      |         |             |             |         |             |      | 3.4   | 11.                   |
| WNW                     |          | . 6.     | 1.7    | 4.3     | • 2      | • 1     | •.7         |             |         |             |      | 7.1   | 14.                   |
| NW                      | . "      | 1.3      | 4.7    | 3.4     | 1.1      | • 2     |             |             |         |             |      | 10.7  | 11.                   |
| NNW                     |          | 1.2      | 2.5    | 5.7     | • 6      | • 6     |             |             |         |             |      | 11.5  | 11.                   |
| VARBL                   | • 2      | • 1      | 1.3    |         |          |         |             |             |         |             |      | 1.6   | b.                    |
| CALM                    | $\times$ | $>\!\!<$ | >      | > <     | $\times$ | > <     | $\supset <$ | $\supset <$ | ><      | $\supset <$ | ><   | • 5   |                       |
|                         | 4.5      | 16.5     | 38.5   | 33.3    | 4.7      | 1.4     | •2          |             | `       |             |      | 170.u | 10.                   |

TOTAL NUMBER OF OBSERVATIONS

TE AL CLIMATCLOUM PRANCH - OF, TAC A. DATHER SERVICEZMAD

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| ATION    |                |          | SIATIO | NNAME  |         |         |         |         | *       | LARD     |               |               | <b></b>      | ONTH       |
|----------|----------------|----------|--------|--------|---------|---------|---------|---------|---------|----------|---------------|---------------|--------------|------------|
|          |                |          |        |        |         | ALL .I  | ATHER   |         |         |          |               |               | 1 = 7, 7     | -177_      |
|          |                |          |        |        |         | ÇL      | A55     |         |         |          |               |               | HOUR         | S (L.S.T.) |
|          |                |          |        |        |         |         |         |         |         |          |               |               |              |            |
|          |                |          |        |        |         | CONI    | DITTON  |         |         |          |               |               |              |            |
|          |                | _        |        |        |         |         |         |         |         |          |               |               |              |            |
|          |                |          |        |        |         |         |         |         |         |          |               |               |              |            |
|          | SPEED          | <u> </u> |        |        |         |         |         |         |         |          |               |               |              | MEAN       |
|          | (KNTS)<br>DIR. | 1.3      | 4-6    | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47  | 48 - 55       | ≥ 56          | *            | WIND       |
|          | N              |          | 2.4    | 4.1    | 2.6     | ٦ .     |         |         |         |          |               |               |              | 7.4        |
| Ţ        | NNE            | •        | 1.4    | 7.6    | • 9     |         |         |         |         |          |               |               |              | 7.0        |
| [        | NE             | • 1      | 2.     | 1 • 4  | • 2     |         |         |         |         |          |               |               | 4.7          |            |
|          | ENE            | • *      | 1.5    | • 2    | • 2     |         |         |         |         |          |               |               | [.7          | 5.         |
|          | E              | • •      | 1.7    | 2.3    | • 6     |         |         |         |         |          |               |               | 4            | 7 • €      |
| Γ        | ESE            | . • • 1  | • ,    | ٩٠     | . 3     |         |         |         |         |          |               |               | 1.7          | 7.→        |
|          | SE             | • .      | • 3    | 1.2    |         |         |         |         |         |          |               |               | _ 3          | £2. • 12   |
|          | SSE            | • 1      | • 5    | 7.4    | 1.3     |         |         |         |         |          |               |               | • [          | 5 • 1      |
|          | S              | • -      | 1.2    | 2.2    | • €     |         |         |         |         |          |               |               | 4.4          | 7.9        |
|          | ssw            | • 7      | 1.2    | 2.4    | ٥٠      | • 2     |         |         |         | <u> </u> |               | <u> </u>      | <b>4 • ?</b> | u • ?      |
| [_       | sw             | , ,      | • 6    | 7.9    | 2.6     | • 1     | • 7     |         |         |          |               |               | 7.0          | 15.5       |
|          | wsw            | •1       | •      | 1.7    | 1.7     |         |         |         |         | !        |               |               | 4.6          | 11.0       |
| L        | w              | • 1      | . 14   | 1.6    | 2.0     | • 1     |         |         |         |          |               |               | 4.3          | 10.7       |
| L        | WNW            | . 1      | . 4    | 1.3    | 7.8     | • 2     |         | • 1     |         |          |               |               | 1.00         | 12.        |
| - 1_     | NW             | • 0      | 1.3    | 4.1    | 0.7     | 1.4     | • 1     | • 5     |         |          |               | <u> </u>      | 17.0         | 12.1       |
| <u> </u> | NNW            | • 5      | • 6    | 3.€    | 4.2     | 1.1     | • 4     |         |         |          |               |               | 13.7         | 11.0       |
|          | VARBL          | . 1      | • 1    | 1.0    | • 2     |         |         |         |         |          |               |               | 1.4          | 2.4        |
|          | CALM           |          | $\sim$ |        |         | $\sim$  | $\sim$  | $\sim$  | ><      | $\sim$   | $\rightarrow$ | $\rightarrow$ | 1.2          | İ          |

TOTAL NUMBER OF OBSERVATIONS

929

LE AL CLIMATOLOUY SPAICH LISTAC AT SEATHER SERVACEZMAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1201  | L4UC5 Av A2  | 71-83       | V <u>a</u> ·   |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | 19,7-7000      |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|----------|----------|----------|----------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.2         | 1.       | 3.2      | 1 • 5    | • ;      |          |         |         |         |         |      | 7.    | 7.6                   |
| NNE                     | • 4         | 1.3      | 2.7      | 1.0      |          |          |         |         |         |         |      | 4.5   | 7.3                   |
| NE                      | . 4         | 1.1      | .5       | • 1      |          |          |         |         |         |         |      | 2.0   | 5.5                   |
| ENE                     | • 3         | • 5      |          | • 3      |          |          |         |         |         |         |      | 1.2   | c • 4                 |
| E                       | 1.0         | 1.2      | 1 • 5    | • £      |          |          |         |         |         |         | 1    | 4.5   | 7.5                   |
| ESE                     | . 4         | 1.2      | • 5      | • 1      |          |          |         |         |         |         |      | 2.4   | 5.                    |
| SE                      | • 2         | • '      | • D      |          |          |          |         |         |         |         |      | 1.2   | 5.05                  |
| SSE                     | 1.0         | 2.7      | 3.1      | • 0      |          |          |         |         |         |         | ,    | 5 • € | 5.7                   |
| S                       | • ¢         | 2 • 2    | 2.7      | . 4      |          |          |         |         |         |         |      |       | £ . 7                 |
| SSW                     | • ?         | • 9      | 1.4      | 1.0      |          |          |         |         |         |         |      | 1.4   | ₹ • 5                 |
| sw                      | •           | 2.3      | 2.3      | 1.6      | • 1      |          |         |         |         |         |      | 6.5   | <b>₹.</b> 7           |
| wsw                     | • 5         | • 3      | 1.7      | 1.4      |          | • 1      |         |         |         |         |      | 4.5   | ೦.೯                   |
| w                       | 1.0         | 1.5      | 2.7      | 1.4      | • 1      |          |         |         |         |         |      | 5.5   | 7.9                   |
| WNW                     | • ?         | 1.0      | 3.0      | 2.3      |          |          |         |         |         |         |      | 7.4   | o• ≒                  |
| NW                      | . 7         | ۶ و 2    | 7.1      | 5.5      | • ?      | • ?      | • 1     |         |         |         |      | 15.7  | 10.4                  |
| NNW                     | •6          | 2.3      | 3.5      | 2        | • 3      | • 3      |         |         |         |         |      | 10.3  | 9.4                   |
| VARBL                   | • 2         |          | • ?      |          |          |          |         |         |         |         |      | . 4   | 5.5                   |
| CALM                    | $\supset <$ | $>\!\!<$ | $\times$ | $\times$ | $\times$ | $>\!\!<$ | >       |         |         |         | ><   | 4.5   |                       |
|                         | 10.0        | 25•1     | 36.₺     | 21.3     | 1.6      | . 6      | • 1     |         |         |         |      | i     | <b>V</b> • (          |

TOTAL NUMBER OF OBSERVATIONS

23:

CL WAL CLIMATOLOGY REALCH CRAFETAR SOME FATHER SEMVICE/MAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 2 1     | على 4 يا 3              | 3 A3 A3 |        |        |         |         | 71-     | -8 C    |         |         |         |      | ,    | ă <b>*</b>            |
|---------|-------------------------|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| STATION |                         |         | STATIO | NAME   |         |         |         |         | Y       | EARS    |         |      | м    | DNTH                  |
|         |                         |         |        |        |         | ALL NE  | ATHLE   |         |         |         |         |      | 11.7 | -030 <u> </u>         |
|         |                         |         |        |        |         | Ci      | ASS     |         |         |         |         |      | HOUR | 5 (L.S.T.)            |
|         |                         |         |        |        |         |         |         |         |         |         |         |      |      |                       |
|         |                         |         |        |        |         | CON     | DITION  |         |         |         |         |      |      |                       |
|         |                         | _       |        |        |         |         |         |         |         |         |         |      |      |                       |
|         |                         |         |        |        |         |         |         |         |         |         |         |      |      |                       |
|         | SPEED<br>(KNYS)<br>DIR. | 1 - 3   | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | *    | MEAN<br>WIND<br>SPEED |
| 1       | N                       |         | 1.1    | 7.2    | 1.4     | . 5     |         |         |         |         | !       |      |      | 9.4                   |
| į       | NNE                     | • 5     | 1.1    | 2.5    | • 2     |         |         |         |         |         |         |      | 4.3  | 7.1                   |
| ſ       | ME                      |         | 1 1    | O      | ·       |         | j ———   | 1       | ]       | J       | 1       | i ii |      | - 4                   |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21    | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | *       | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------|--------|---------|------------|---------|---------|---------|---------|---------|------|---------|-----------------------|
| N                       |                   | 1.1   | 7.0    | 1.4     | , <u>6</u> |         |         |         |         |         |      |         | 7.4                   |
| NNE                     | • 5               | 1.1   | 2.5    | • 2     |            |         |         |         |         | i       |      | 4.0     | 7.1                   |
| NE                      | •                 | 1.1   | • 4    |         |            |         |         | l       |         |         |      |         | y . 4                 |
| ENE                     | . 4               | . 3   |        |         |            |         |         |         |         |         |      | 1.1     | 4.3                   |
| E                       | • 1               | • 3   | • fi   | ٦       |            |         |         |         |         |         |      | 1.7     | 7.7                   |
| ESE                     | • 1               | ٠٠    | . 4    | . 1     |            |         |         |         |         |         |      | 1.5     | 0.4                   |
| SE                      | • 1               | 1.3   | • 8    | • 1     |            |         |         |         |         | i       |      | 3       | ບ • 2                 |
| SSE                     | l • 5             | 2.0   | 1.9    | • 5     |            |         |         |         |         |         |      | . 1     | b • .7                |
| \$                      | 1.5               | 1.7   | 1.0    | ۹.      |            |         |         |         |         | 1       |      |         |                       |
| ssw                     | 1.2               | 1.2   | 1.7    | 1.0     |            |         |         |         |         |         |      | 5.1     | 7.7                   |
| SW                      | 1.3               | 1.0   | 1.2    | 1.0     | • 1        |         |         |         |         |         |      | F . 4   | 7.1                   |
| WSW                     | 1.4               | 1.1   | 1.5    | 1.2     | • 1        |         |         |         |         |         |      | 3       | 7.6                   |
| w                       | 1                 | 2 • 7 | 2.5    | .6      |            |         |         |         |         |         |      | 7.2     | 0.1                   |
| WNW                     | 1.7               | 3.1   | 3.4    | 1.5     |            |         |         |         |         |         |      | 9.5     | 6.9                   |
| NW                      | 1.7               | 2.3   | 3.7    | 2.5     | • 9        | •1      | • 2     | 1       |         | i       |      | 11.3    | 5.1                   |
| NNW                     | . 4               | • F   | 1.7    | 1.3     | • 1        |         |         |         |         |         |      | 4.1     | 5.1                   |
| VARBL                   | .4                |       | • 1    |         |            |         |         |         |         |         |      | •:      | 3 • €                 |
| CALM                    | $\supset \subset$ | > <   | > <    | > <     | > <        | > <     | > <     |         | ><      |         | ><   | 1 7 • 1 |                       |
|                         | 15.8              | 22.5  | 27.2   | 13.C    | 1.7        | • 1     | .2      |         |         |         |      | 100.4   | £ • .:                |

TOTAL NUMBER OF OBSERVATIONS

y 3 1

OL MAL CLIMATOLOGY PRANCH METAC AI EATHER SERVICEMAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1 2 1 | LAUES AS AS  | 71-80       |       | ** <b>#</b> ** |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | нтиом          |
|         |              | ALL WEATHER |       | ALL            |
|         |              | CLASS       |       | HOURS (L.S.T.) |
|         |              |             |       |                |

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6          | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 · 55 | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|----------------|--------|-------------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | • 6        | 1.7            | 3.0    | 1.9         | • 3     | • .     |         |         |         |         | :    | 7.5   | ٠,                    |
| NNE .                   | • 1        | 1.1            | 1.7    | . 4         | • 0     | • 1     | • ~     |         |         |         | ;    | J., 7 | ಕ•1                   |
| NE                      | , 7        | 1 • "          | 1.0    | • 1         |         |         |         |         |         |         |      | 3.0   | ა•5                   |
| ENE                     | . 4        | • 1            | • 2    | • 2         |         |         |         |         |         |         |      | 1.5   | 5.4                   |
| E                       | . 4        | • 24           | 1.4    | ۶.          |         |         |         |         |         |         |      | 3.5   | 5 • 2                 |
| ESE                     | • 1        | • <del>6</del> | • 7    | • 7         |         |         |         |         |         |         | i    | i • ' | 7.4                   |
| SE                      | • 2        | • 7            | 1.3    | • 3         |         |         |         |         |         |         | Ĭ    | 2.7   | 7.2                   |
| SSE                     | • -        | 1.4            | 2.5    | . 8         | •0      |         |         |         |         |         | İ    | 5.7   | 7.5                   |
| S                       | • 9        | 1.5            | 1.9    | • 7         | • 1     |         |         |         |         | [       |      | 5.1   | 7.1                   |
| ssw                     | . 5        | 1.7            | 1.6    | . 8         | • 1     | . 7     |         |         |         |         |      | 4.1   | 1.0                   |
| sw                      | • 7        | 1.6            | 2.5    | 1.F         | • 2     | • 1     |         |         |         |         |      | 0.7   | 3 • 9                 |
| wsw                     | . 7        | • 9            | 1.9    | 1.5         | • 3     | • 0     |         |         | I       |         |      | 5.03  | ¥ • 3                 |
| w                       | 1.1        | 1.5            | 2.0    | 1.1         | • 1     |         |         |         |         |         |      | 5.7   | 7.5                   |
| WNW                     | • 3        | 1.7            | 2.8    | 2.3         | • 1     | • 0     | • 0     |         |         |         |      | 7.9   | 7.                    |
| NW                      | • A        | 2.0            | 4.7    | 5.2         | . 8     | . 1_    | • 1     |         |         |         |      | 13.7  | 1                     |
| NNW                     | ٠ć         | 1.2            | 2.8    | 3.3         | • 6     | • 3     |         |         |         | I       |      | 0 • ₹ | 16.5                  |
| VARBL                   | • 2        | • 1            | . 4    | • 0         |         |         |         |         |         | I       | i    | . 7   | € • €.                |
| CALM                    | $\searrow$ | ><             |        | $\supset <$ | ><      | ><      | ><      | ><      |         |         |      | 12.0  |                       |
|                         | ၁. 9       | 20.5           | 32.€   | 21.5        | 2.7     | 9.      | . 1     |         |         |         |      | 173.3 | 7.7                   |

TOTAL NUMBER OF OBSERVATIONS 7435

CE CAL CETHATCEOUN PRANCH CO CETAC CO EATHOR SERVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1       | LAUEL AR AC  | 71-60      | 1, 1                      |
|---------|--------------|------------|---------------------------|
| STATION | STATION NAME | YEARS      | MONTH                     |
|         | 4.4          | LL REATHER | <u>.</u> 3u3+69 <u>00</u> |
|         |              | CLASS      | HOURS (L.S.T.)            |
|         |              | CONDITION  |                           |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 · 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 · 27  | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | *            | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|----------|---------|---------|---------|---------|------|--------------|-----------------------|
| N                       | •     | 2.7   | 4.6    | i.4     |         |          | -       |         |         |         |      | • •          | 7.                    |
| NNE                     | • 1   | 1 . 7 | 1.9    | • ?     |         |          |         |         |         |         |      |              | 7.                    |
| NE                      | 1.    | 1.    | . 3    | • 2     |         |          |         |         |         |         |      | 1.5          | 5 • 4                 |
| ENE                     | • *   | 1.    | • 4    | 1.      |         |          |         |         |         |         |      | <u>د و ا</u> | 5.                    |
| E                       | 1     | •     | .6     | • 7     | • 1     |          |         |         |         |         |      | ٠.           | 7.3                   |
| ESE                     | 1     | . 4   | • E    |         |         |          |         |         |         |         | 1    | 4.00         | :•(                   |
| SE                      | • 1   | • 3   | • 7    | • 2     |         |          |         |         |         |         |      | 1            | 7.1                   |
| SSE                     | • -   | 1.    | 1.3    | . 7     |         |          |         |         |         |         |      | • '          | ₹ • ₹                 |
| \$                      | 1 • * | • 6   | . 7    | • 6     |         |          |         | 1       |         |         |      | 3.3          | υ •                   |
| SSW                     | • >   | 1.1   | 1.0    | • 1     |         |          |         |         |         |         |      | 3.1          | 7 • ·                 |
| SW                      | 1.    | 1.6   | 1.1    | • 2     |         | • 1      |         |         |         |         |      | 1 3          | 5.€                   |
| wsw                     | 1.4   | . 7   | • 3    | • 3     |         |          |         |         |         |         |      | 2            |                       |
| W                       | 1.7   | 1.9   | • 3    |         |         |          |         |         | 1       |         |      | 4 . 4        | 4.4                   |
| WNW                     | 1.7   | 2.3   | 1.0    | 1.7     |         |          |         |         | ]       |         |      | 7 . 2        | 7.7                   |
| NW                      | 1.4   | 2.3   | 4.1    | 1.8     | • 1     |          |         |         |         |         |      | ÷ • 3        | 7.4                   |
| NNW                     | . 7.  | 2?    | 4.7    | 1 . F   |         |          |         |         |         |         |      | <b>₩</b>     | 3.                    |
| VARBL                   |       |       | • `    |         |         |          |         |         |         |         | i    | •            | 7 .                   |
| CALM                    |       | ><    | ><     | ><      | ><      | $>\!\!<$ | ><      | ><      |         | ><      | ><   | •            |                       |
|                         | 12.7  | 22.1  | 25.7   | 9.7     | • 2     | • 1      |         |         |         |         |      | 155.0        |                       |

TOTAL NUMBER OF OBSERVATIONS

CORAL DETMATOLOGIC SMANCH

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUFO AP AT  | 71+°5       |       | V              |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | MONTH          |
|         |              | ALL WEATHER |       | 21 =111.       |
|         |              | CLASS       |       | HOURS (L.S.T.) |
|         |              |             |       |                |
|         |              | CONDITION   |       |                |
|         |              |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10            | 11 - 16     | 17 - 21 | 22 - 27     | 28 - 33     | 34 - 40 | 41 - 47  | 48 - 55 | ≥\$6 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|-------------------|-------------|---------|-------------|-------------|---------|----------|---------|------|-------|-----------------------|
| N                       | 1.1   | 3 • 1 | 4.                | 1.0         |         |             |             |         |          | !       |      | 11    | 7.                    |
| NNE                     |       | 1.7   | • 7               | • 2         |         |             |             |         |          |         |      |       | t • 2                 |
| NE                      |       | 1.2   | 1.0               | • 1         |         |             |             |         |          |         |      |       | <b>د •</b> 1          |
| ENE                     | • 7   | • •   | • 1               | . 4         |         |             | !           |         |          |         |      | • 1   | : • •                 |
| E                       | • ;   | . 4   | ٠,٦               | • 2         |         |             |             |         |          | 1       | 1    | . • . | 5.7                   |
| ESE                     | • 4   | • 6   | • ?               | • 1         |         |             |             |         |          |         |      | 1 • 1 | . • 1                 |
| SE                      | • 4   | • 6   | • 6               | . 4         | • 1     |             |             |         |          |         |      |       | 7.7                   |
| SSE                     | • 7   | 1.2   | • 6               | • 1         |         |             |             |         |          |         | 1    |       | 1.                    |
| 5                       | 1.2   | 1.2   | • 6               | • 9         |         |             |             |         |          |         |      |       |                       |
| ssw                     | • `   | . 7   | 1.5               | • 1         |         |             |             |         |          |         |      | • •   |                       |
| sw                      | 1.2   | 1.3   | 1.2               | • 2         |         | i           |             |         |          |         |      | i.,   | . •                   |
| wsw                     | • 0   | 1.1   | • 9               | • 1         |         |             |             |         |          |         |      |       | 206                   |
| w                       | 4 • 2 | 1.7   | . 7               |             |         |             |             |         | <u> </u> |         |      | - • I | 4, 4                  |
| WNW                     | 1.3   | 3.1   | 2.0               | 1.2         |         |             |             |         |          |         |      | 7.7   | 5.7                   |
| NW                      | 1.2   | 2.4   | 2.0               | 1.6         | • 1     |             |             |         |          |         |      | J • • |                       |
| NNW                     | • ``  | 1.4   | 5.0               | 2.2         | • 1     |             |             |         |          |         |      | 7.4   | 0.7                   |
| VARBL                   | • 1   |       | • 1               |             |         |             |             |         |          | i       |      | •     | 4,5                   |
| CALM                    |       | >>    | $\supset \subset$ | $\supset <$ |         | $\supset <$ | $\supset <$ |         |          |         |      | 77    |                       |
|                         | 14.7  | 22.3  | 22.1              | ુ. ≎        | . 3     |             |             |         |          |         |      | 110.0 | 4.7                   |

TOTAL NUMBER OF OBSERVATIONS

 AL CLTHATOLOUR - FAN : LIFE - SERVITUZMAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION |                         |       | STATIO | NAME   |         |               |         |          | Y        | EARS     |             |      | M       | ONTH                  |
|---------|-------------------------|-------|--------|--------|---------|---------------|---------|----------|----------|----------|-------------|------|---------|-----------------------|
|         |                         |       |        |        |         | المالي المالة | ATOEs   |          |          |          |             |      |         | <b>-</b> , t _        |
|         |                         | _     |        |        |         | CI            | A 5 5   |          |          |          | <del></del> |      | HOUR    | s (L S.T.)            |
|         |                         | _     |        |        |         | CON           | DITION  |          |          |          |             |      |         |                       |
|         |                         | -     |        |        |         |               |         |          |          |          |             |      |         |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21       | 22 - 27 | 28 - 33  | 34 - 40  | 41 - 47  | 48 - 55     | ≥ 56 | *       | MEAN<br>WIND<br>SPEED |
|         | N                       | 1.1   | 3.1    | 5.7    | 7.7     | . 1           |         |          |          |          |             |      | 1 . 1   | •                     |
|         | NNE                     | . 7   | 1.1    | , c    | • 1     |               |         |          |          |          |             |      |         | • •                   |
| i       | NE                      | 1     | 1.3    | • 4    | • 1     |               |         |          |          |          |             |      | . • •   |                       |
|         | ENE                     | . 10  | • •    | • 2    | • 7     |               |         |          |          |          |             |      |         | 7 .                   |
| [       | Ε                       | .7    | 1.7    | • 5    | • 3     |               |         |          |          |          |             |      | •       | •                     |
| 1       | ESE                     | 1     | • 1    | • 7    | • ?     |               |         |          |          |          |             |      | l.      | 7.4                   |
| [       | SE                      | †     | 1.3    | ٠ 4.   | • 7     |               |         |          |          |          |             |      | • •     | 1.0                   |
| [       | SSE                     | •     | 1.4    | • 0    | . 7     | • 1           |         |          | 1        |          |             |      | • 1     | : • i                 |
|         | S                       | 1 .   |        | • 7    | • 7     |               |         |          | 1        |          |             |      | • -     | <u>†</u>              |
|         | ssw                     | . 7   | 1.7    | • 2    | • 1     |               |         |          |          | <u> </u> |             |      |         |                       |
|         | sw                      | • ^   | 1.5    | 1.3    | , (i    |               |         | ·        | i        |          |             |      | •••     |                       |
| i       | wsw                     |       | 1.7    | 1.0    | • 1     |               | İ       | <u> </u> | <u> </u> | 1        |             |      | L       | <u>• :</u>            |
|         | w                       | 1.    | 1.2    | . 7    | • 1     |               |         | <u> </u> |          |          |             | ·    | •       |                       |
| ĺ       | WNW                     | 1 •   | 1.7    | 2.3    | 1.7     |               | !<br>   |          | <i> </i> |          |             |      | 7.      | •                     |
|         | NW                      | . • 1 | 1.4    | 7.7    | 1.7     | • 1           |         |          | <u> </u> | ļ        |             |      | •       | 7                     |
|         | NNW                     | • 4   | 1.4    | 5.6    | 3 . 6   | • 3           |         |          |          |          |             |      | 1       | •                     |
|         | VARBL                   | • 1   |        | . 4    |         |               |         |          |          |          |             |      | • ./    | ,,                    |
|         | CALM                    |       |        |        |         |               |         |          |          | $\sim$   |             |      | ` • • ' |                       |

TOTAL NUMBER OF OBSERVATIONS

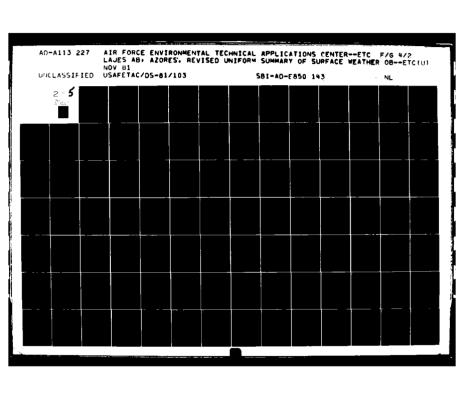
THE ALCOUNTERFOLDS TWA CH TOTAL DESCRIPTION SERVED AMAGE

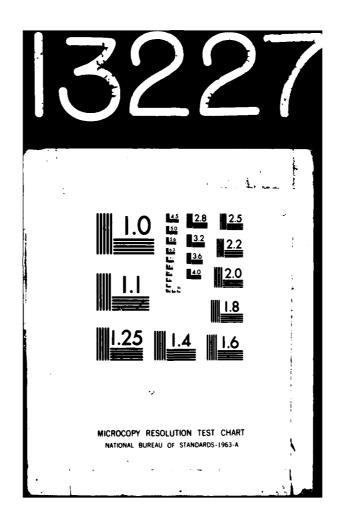
## SURFACE WIND

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | الل ۾ ن                 | £ 5   |             |        |         |         | 71-     | ٠ <u>.</u> ن |         |  |             |            | 1       |                 |
|---------|-------------------------|-------|-------------|--------|---------|---------|---------|--------------|---------|--|-------------|------------|---------|-----------------|
| STATION |                         |       | STATIO      | NAME   |         |         |         |              | · ·     | EARS   |             |            |         | ON.             |
|         |                         |       |             |        |         | 21, 6   | ATHER   |              |         |  |             |            |         | -1.1            |
|         |                         |       |             |        |         |         | A58     |              |         |  | <del></del> |            | HOUR    |                 |
|         |                         | ~     |             |        |         |         |         |              |         | ···_ <del>-</del>                                |             |            |         |                 |
|         |                         |       |             |        |         | CON     | DITION  |              |         |  |             |            |         |                 |
|         |                         | -     |             |        |         |         |         |              |         |  |             |            |         |                 |
|         |                         |       |             |        |         | ···     |         |              |         |  |             | , <u>.</u> |         |                 |
| !       | SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33      | 34 - 40 | 41 - 47  |             | ≥ 56       | *       | ME<br>WI<br>SPI |
|         | N                       |       | ₹• '        | . 7    | • 7     | •       |         | <del></del>  |         | <del>                                     </del> |             |            |         |                 |
|         | NNE                     | •     | 2 • 7       | 7.0%   | 1       |         |         |              |         | 1  |             |            |         |                 |
|         | NE                      |       | î •         | 1.7    |         |         |         |              |         |  |             | 1          |         | ;               |
|         | ENE                     | 1.    | 2           | 1.,    |         | 1       |         | •            |         | 1  |             |            | 1       |                 |
|         | E                       | ,     | 2.7         | 2.     | . 6.    |         |         |              |         |  |             |            | • -     |                 |
|         | ESE                     | . 1   | . '         | 1.     | • *     |         |         | :            |         |  |             | :          | . • 3   |                 |
|         | SE                      | . 4   | • 3         | 1.7    | .7      | i       |         |              |         | 1  |             | :          | 7.7     | 7               |
|         | SSE                     |       | 1.1         | 1.6    | • 6     |         |         | 1            |         | Ii   |             |            |         |                 |
|         | S                       |       | 1.1         | 1.4    | • 3     | • 1     |         |              |         |  |             | i          |         | 7               |
|         | SSW                     | • **  | ٠ ٦         | •      | • 1     | • .     |         | 1            |         |  |             |            | · · ·   | ξ               |
|         | SW                      | • 1   | 1.          | 1.5    | . ŧ     |         | • 1     | i            |         |  |             |            |         |                 |
|         | wsw                     | - 1   | •           | 1.2    | . 7     | • ?     |         |              |         |  |             | i          |         |                 |
|         | w                       | •     | • ?         | 1.6    | . ?     |         |         |              |         |  |             |            |         |                 |
|         | WNW                     | •     | • ?         | • •    | 1.7     | • 5     | •:      | <u> </u>     |         |  |             |            | i       |                 |
|         | NW                      | •     | 1.2         | 6.1    | 7.6     | • 1     |         |              |         |  |             | i          | ٠٠٠ ا   |                 |
|         | NNW                     | 1.7   | 2.3         | 1. 4   | 4 . 7   | ٠ د     | • .7    |              |         |  |             | 1          | 1 1 • 1 |                 |
|         | VARBL                   | • *   | •           | 1.1    |         |         |         |              |         | <u> </u>   |             | ·<br>·     | 12.1    |                 |
|         | CALM                    |       | $\supset <$ | ><     | ><      |         |         |              | ><      |  | ><          |            | 1.      |                 |

TOTAL NUMBER OF OBSERVATIONS





GLURAL CLIMATOLOGY BRANCH UN AFETAC AI REATHCH SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AD AZ  | 71-8G       | Jur.           |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | 1200-1400      |
|         | <del></del>  | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         | <del></del>  |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6  | 7 - 10 | 13 - 16           | 17 - 21 | 22 · 27     | 28 - 33     | 34 - 40     | 41 - 47 | 48 - 55     | ≥ 54 | *      | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|--------|--------|-------------------|---------|-------------|-------------|-------------|---------|-------------|------|--------|-----------------------|
| N                       | .6    | 2.8    | 7.0    | 2.0               |         |             |             |             |         |             |      | 12.3   | 5 • 3                 |
| NNE                     | • 7   | 3.6    | 3.3    | 1.0               |         |             |             |             |         |             |      | 5.6    | 7.1                   |
| NE                      | • ¢   | 4 . () | 3.2    | . 7               |         |             |             |             |         |             |      | h • 5  | 6.5                   |
| ENE                     | • £   | 3.6    | 1.0    | • 6               |         |             |             |             |         |             |      | 6.6    | 6.4                   |
| E                       |       | 2.0    | 4.7    | .7                |         |             |             |             |         |             |      | 7 - 3  | 7.9                   |
| ESE                     |       | • 7    | • 6    | • 2               | • 1     |             |             |             |         |             |      | 1.2    | 8.5                   |
| SE                      | • ?   | . 4    | 1.6    | • 2               | • 2     |             |             |             |         |             |      | 2.7    | 5.6                   |
| SSE                     | • 4   | . 7    | 2.6    | . 9               |         |             |             |             |         |             |      | 4.5    | υ • 5                 |
| \$                      | . 4   | 1.0    | • 8    | . 4               |         |             |             |             |         |             |      | 4.7    | 7.0                   |
| SSW                     | • ?   | . 7    | 1.1    | 1.0               | • 1     |             |             |             |         |             |      | 3.1    | 9.3                   |
| sw                      |       | 1.0    | 1.2    | • 6               | • 1     |             |             |             |         |             |      | 2.9    | 8.8                   |
| WSW                     | • 1   | • 7    | 1.6    | .6                | • 1     |             |             |             |         |             |      | 3 • .: | 3.7                   |
| w                       | • 1   | • A    | 1.1    | • 6               | . 4     |             |             |             |         |             |      | 3.0    | 9.7                   |
| WNW                     | • 1   | • 2    | 1.1    | 1.6               | . 4     |             |             |             |         |             |      | 3.4    | 12.4                  |
| NW                      | • 1   | • 9    | 4.1    | 5.6               |         |             |             |             |         |             |      | 10.7   | 11.1                  |
| NNW                     | • 7   | 1.1    | 7.3    | 6.2               | . 7     | • 3         |             |             |         |             |      | 15.9   | 11.5                  |
| VARBL                   | . 7   | • 6    | 1.6    |                   |         |             |             |             |         |             |      | 2.5    | 5.6                   |
| CALM                    |       | >>     | >>     | $\supset \subset$ | > <     | $\supset <$ | $\supset <$ | $\supset <$ | ><      | $\supset <$ | > <  | •6     |                       |
|                         | 5.3   | 24.2   | 44.7   | 22.7              | 2.2     | • 3         |             |             |         |             |      | 100.0  | 0.7                   |

TOTAL NUMBER OF OBSERVATIONS 9.030

SE WAL CLIMATOLOGY SPANCH 11 METAC AT ... CATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 72: 1 | LAJES AS AT  | 71-60       | Jut            |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | 1500-1790      |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6             | 7 - 10      | 11 - 16  | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47     | 40 - 55     | ≥56      | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------------------|-------------|----------|-------------|---------|-------------|-------------|-------------|-------------|----------|-------|-----------------------|
| N                       | . 7               | 4.1               | 6.8         | 3.4      |             |         |             |             |             |             |          | 15.3  | <b>5.</b> 3           |
| NNE                     | • 9               | 1.9               | 2.2         | • 3      |             |         |             |             |             |             |          | 5 • 3 | 6.6                   |
| NE                      | .7                | 3.D               | 2.7         | • B      |             |         |             |             |             |             | 1        | 7.1   | 6.0                   |
| ENE                     | • 7               | 2.9               | 1.2         | • 2      |             |         |             |             |             |             |          | 5.3   | 5.9                   |
| E                       | . 4               | 3.3               | 3.2         | . 9      |             |         |             |             |             |             |          | 7.9   | 7.0                   |
| ESE                     | • 1               | • 2               | 1.0         | • 2      | • 1         |         |             |             |             |             |          | 1.7   | d • 5                 |
| SE                      |                   | . 7               | 2.0         | .7       | • 2         |         |             | I           |             |             |          | 3.6   | 9.3                   |
| SSE                     | • .?              | 1.3               | 2.6         | .7       |             |         |             |             |             |             |          | 4.3   | 7.6                   |
| 5                       | • 3               | 1, 7              | • 7         | .6       | • 1         |         |             |             |             |             |          | 3.0   | 7.7                   |
| ssw                     | • ?               | 1.2               | 1.0         | • 2      | • i         |         |             |             |             |             |          | 2.6   | 7.1                   |
| sw                      | • 1               | 1.1               | 1.7         | . 8      |             |         |             |             |             |             |          | 3.7   | 8 .                   |
| wsw                     |                   | . 7               | 1.8         | 1.2      |             |         |             |             |             |             |          | 3.7   | 9.                    |
| w                       | • 1               | . 3               | 1.6         | , 4      | • 2         |         |             |             |             |             |          | 2.7   | 9.6                   |
| WNW                     |                   | . 3               | • ¢         | 2.2      | • 1         |         |             |             |             |             |          | 3.6   | 12.2                  |
| NW                      | . 2               | · iš              | 4.8         | 5.6      | . 6         |         |             |             |             |             |          | 11.9  | 11.1                  |
| NNW                     |                   | 1.4               | 6.6         | 6.7      | . 8         |         |             |             |             |             |          | 15.8  | 10.6                  |
| VARBL                   | .7                | •6                | .6          |          |             |         |             |             |             |             |          | 1.8   | 4 . 6                 |
| CALM                    | $\supset \subset$ | $\supset \subset$ | $\supset <$ | $\times$ | $\supset <$ | ><      | $\supset <$ | $\supset <$ | $\supset <$ | $\supset <$ | ><       | • 9   |                       |
|                         | 5.7               | 25.2              | 41.1        | 24.9     | 2.2         |         |             |             |             |             | <u> </u> | 100.0 | 3.0                   |

|             |                 | 11(0001 | <u>~~~</u> |
|-------------|-----------------|---------|------------|
|             |                 |         |            |
| STAL NUMBER | OF OBSERVATIONS |         | 950        |
|             |                 |         | 7 (1)      |

**●** 6₹2

GLUFAL CLIMATOLOGY BRANCH L'AFETAC AI REATHER SERVICEZMAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAJES AS AZ  | 71-80 | Ju∗.              |
|---------|--------------|-------|-------------------|
| STATION | STATION NAME | YEARS | MONTH             |
|         | ALL JE       | ATHER | <u> 1830-2000</u> |
|         | CL           | ASS   | HOURS (L.S.T.)    |
|         |              |       |                   |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6 | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27 | 20 - 33     | 34 - 40           | 41 - 47 | 40 - 55 | ≥54     | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------|----------|---------|---------|---------|-------------|-------------------|---------|---------|---------|-------|-----------------------|
| N                       | , ;               | 5.1   | 5.3      | 2.4     |         |         |             |                   |         |         |         | 13.7  | 7.7                   |
| NNE                     | 1.3               | 1.3   | 1.6      | . 1     |         |         | L           |                   |         |         |         | 4.3   | 5.7                   |
| NE                      | 1.G               | 1.9   | 2.1      |         |         |         |             |                   |         |         |         | 4.9   | 5.9                   |
| ENE                     | 1.0               | 1.4   | 1.1      |         |         |         |             |                   |         |         |         | 4.3   | 4.7                   |
| E                       | 1.4               | 3.6   | 1.2      | • 3     |         |         |             |                   |         |         |         | 5.5   | 5.4                   |
| ESE                     | - 1               | • 9   | • 7      | • 1     |         |         |             |                   |         |         |         | 1.5   | 6.9                   |
| SE                      | د .               | 1.6   | 1.9      | .6      |         |         |             |                   |         |         |         | 4.5   | 6.9                   |
| SSE                     | _ 3               | 1.4   | 1.7      | • 1     |         |         | [           |                   |         |         |         | 3.5   | 6.6                   |
| 5                       | .6                | 1.6   | 1.1      | • 1     | • 3     |         |             |                   |         |         |         | 3.7   | <b>b</b> • 5          |
| SSW                     | . 1               | 1.7   | 1.0      | • 3     | • 1     |         |             |                   |         |         |         | 3.2   | 7.1                   |
| SW                      | • 3               | 1.7   | 1.0      | • 3     |         |         |             |                   |         |         |         | 3.6   | <b>0 •</b> €          |
| wsw                     | • 3               | 1.3   | 1.1      | • 2     |         |         |             |                   |         |         |         | 3.0   | 6.4                   |
| w                       | • 2               | 1.6   | 1.2      | . 4     | . 1     |         |             |                   |         |         |         | 3.5   | 7.4                   |
| WNW                     | . 4               | . 6   | 2.3      | 2.2     | • 1     |         |             |                   |         |         |         | 5.7   | 9.5                   |
| NW                      | • 3               | 2.6   | 6.6      | 3.0     | • 3     |         |             |                   |         |         |         | 12.3  | 9.2                   |
| NNW                     | . 9               | 2.1   | 7.2      | 5.2     | • 1     |         |             |                   |         |         |         | 15.6  | 9.4                   |
| VARBL                   | • 4               |       | • 2      |         |         |         |             |                   |         |         |         | ,7    | 4.0                   |
| CALM                    | $\supset \subset$ | > <   | $\times$ | ><      | > <     | ><      | $\supset <$ | $\supset \subset$ | > <     |         | ~ · · · | 4.4   |                       |
|                         | 11.2              | 30.3  | 37.3     | 15.6    | 1.1     | j –     |             |                   |         |         |         | 100.0 | 7.2                   |

TOTAL NUMBER OF OBSERVATIONS 900

GLURAL CLIMATOLOGY BRANCH CHAPETAC ALL WEATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAJES AS AZ  | 71-80       | JUN            |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | 2100-2300      |
|         | <del></del>  | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         | <del></del>  | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10            | 11 - 16     | 17 - 21     | 22 - 27            | 28 - 33     | 34 - 40     | 41 - 47            | 46 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|-------------------|-------------|-------------|--------------------|-------------|-------------|--------------------|-------------|-----|-------|-----------------------|
| N                       | 1.3   | 3.2   | 5.3               | .0          |             |                    |             |             | i                  |             |     | 10.5  | 7.2                   |
| NNE                     | • 6:  | 1.2   | • 9               |             |             |                    |             |             |                    |             |     | 2.7   | 5.9                   |
| NE                      | . 6.  | • 6   | 1.6               |             |             |                    |             |             |                    |             |     | 2.7   | ٤.5                   |
| ENE                     | 1.5   | 1.3   | ٩.                | • 1         |             |                    |             |             |                    |             |     | 3.4   | 4 . 8                 |
| ŧ                       | 1.0   | 1.0   | • 6               | .6          |             |                    |             |             |                    |             |     | 3.1   | 6.1                   |
| EŞE                     | • 3   | 1.1   | . 4               |             |             |                    |             |             |                    |             |     | 1.9   | 5.5                   |
| SE                      | • 2   | • 9   | . 9               | .7          |             |                    |             |             |                    |             |     | 2.7   | 7.9                   |
| SSE                     | • 3   | 1.2   | 1.6               | • 2         |             | I                  |             |             | I                  |             |     | 3.3   | 0.6                   |
| 5                       | 1.4   | . 7   | . 7               | • 1         | • 2         |                    |             |             |                    |             | I   | 3.1   | 5.7                   |
| 55W                     | 1.2   | 1.0   | . 4               | •8          | • 1         |                    |             |             |                    |             |     | 3.6   | 6.7                   |
| SW                      | 2     | 1.3   | . 9               | • 1         |             |                    |             |             |                    |             |     | 3.1   | 5.5                   |
| WSW                     | • A   | . A   | . 4               |             |             |                    |             |             |                    |             |     | 2.0   | 4.7                   |
| W                       | 2.5   | 1.6   | 1.3               | • 3         |             |                    |             |             |                    |             |     | 5.2   | 5.3                   |
| WNW                     | • ?   | 1.1   | 2.8               | 1.4         |             |                    |             |             |                    |             |     | 6.2   | 8.0                   |
| NW                      | 1.1   | 3.0   | 3.7               | 1.3         | . 2         |                    |             |             |                    |             | I   | 9.3   | 7.7                   |
| NNW                     | 1.3   | 2.4   | 4.9               | 4.6         | • 1         |                    |             |             |                    |             |     | 13.7  | 8.8                   |
| VARBL                   |       |       | • 2               |             |             |                    |             |             |                    |             |     | . 2   | 7.0                   |
| CALM                    |       | > <   | $\supset \subset$ | $\supset <$ | $\supset <$ | $\triangleright <$ | $\supset <$ | $\supset <$ | $\triangleright <$ | $\supset <$ | ><  | 23.2  |                       |
| -                       | 15.1  | 22.5  | 27.4              | 11.1        | .7          |                    |             |             |                    |             |     | 100.3 | 5.4                   |

|       |          |             |     | 100.5 | 5.4 |
|-------|----------|-------------|-----|-------|-----|
| TOTAL | NUMBER O | F OBSERVATI | ONS |       | 809 |

SECRAL CLIMATOLOGY BRANCH COMELTAC AI REATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1.2.1   | LAJES AS AZ  | 71-80       | JUN            |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | ALL            |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 · 27  | 28 - 33  | 34 - 40  | 41 - 47     | 44 - 55     | ≥56      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|----------|----------|----------|----------|----------|----------|----------|-------------|-------------|----------|-------|-----------------------|
| N                       | . 9        | 3.5      | 5.0      | 2.2      | • •      |          |          |          |             |             |          | 12.5  | 7.4                   |
| NNE                     | •6         | 1.8      | 1.7      | • 3      |          |          |          |          |             |             |          | 4.4   | 6.5                   |
| NE                      | •6         | 1.8      | 1.6      | • 2      |          |          |          | Ĺ        |             |             |          | 4 . 3 | 6.3                   |
| ENE                     | 1.0        | 1.7      | • 9      | • 3      |          |          |          |          |             |             |          | 4.0   | 5.9                   |
| ŧ                       | - 3        | 1.9      | 1.7      | • 5      | •0       |          |          |          |             |             |          | 4.9   | 6.7                   |
| ESE                     | • 3        | • 6      | • 6      | • 2      | • D      |          |          |          |             |             |          | 1.7   | 7.2                   |
| SE                      | . 4        | • 9      | 1.2      | • 5      | • 1      |          |          |          | L           |             |          | 3.0   | 7.7                   |
| SSE                     | . 4        | 1.2      | 1.6      | . 4      | • 5      |          |          |          |             |             |          | 3.6   | 7.2                   |
| S                       | . 9        | 1.0      | , A      | • 5      | • 1      |          |          |          |             |             |          | 3.3   | 6.6                   |
| SSW                     | • 5        | 1.0      | . 8      | • 3      | • 1      |          |          |          |             |             |          | 2.8   | 6.9                   |
| sw                      | • 5        | 1.4      | 1.3      | . 4      | • 3      | • 0      |          |          | L           |             |          | 3.€   | 6.9                   |
| wsw                     | • 5        | . 9      | 1.1      | . 4      | • 0      |          |          |          |             |             |          | 2.9   | 7.2                   |
| w                       | 1.0        | 1.2      | 1.1      | • 3      | • 1      |          |          |          |             |             |          | 3.7   | 6.3                   |
| WNW                     | .7         | 1.2      | 1.8      | 1.7      | • 1      |          |          |          |             |             |          | 5.5   | 8.8                   |
| NW                      | ٠,         | 1.8      | 4.5      | 3.3      | . 2      |          |          |          |             |             |          | 10.7  | 9.1                   |
| MMM                     | .7         | 1.9      | 6.1      | 4.4      | . 4      | • 1      |          |          |             |             |          | 13.5  | 9.7                   |
| VARSL                   | • 3        | . 3      | . 6      |          |          |          |          |          |             |             |          | 1.1   | 5.5                   |
| CALM                    | $\searrow$ | $>\!\!<$ | $\times$ | $>\!\!<$ | $>\!\!<$ | $>\!\!<$ | $>\!\!<$ | $\times$ | $\boxtimes$ | $\boxtimes$ | $\times$ | 14.5  |                       |
|                         | 11.0       | 24.1     | 33.3     | 15.9     | 1.2      | •1       |          |          |             |             |          | 100.0 | 6.6                   |

AL NUMBER OF DESERVATIONS 7199

LL PAL CLIMATOLOGY BRANCH L'AFETAC ATH REATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 201<br>STATION | LAJES AS AZ  | 71-80       | JUL            |
|------------------|--------------|-------------|----------------|
| STATION          | STATION NAME | YEARS       | MONTH          |
|                  |              | ALL WEATHER | 000c-020b      |
|                  |              | CLASS       | HOURS (L.S.T.) |
|                  |              |             |                |
|                  |              | CONDITION   | <del>-</del>   |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6    | 7 - 10   | 11 - 16    | 17 - 21  | 22 - 27  | 20 - 33  | 34 - 40  | 41 - 47  | 48 · 55  | ≥56      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|----------|----------|------------|----------|--|----------|----------|----------|--|----------|-------|-----------------------|
| N                       | 1.5        | 3.1      | 3.5      | 1.5        |          |  |          |          |          |  |          | 7.7   | 7.3                   |
| NNE                     | . 4        | 1.5      | 1.8      | <i>¥</i> 3 |          |  |          |          |          |  |          | 4.3   | 7.1                   |
| NE                      |            | . 4      | • 9      |            |          |  |          |          |          |  |          | 1.3   | 7.3                   |
| ENE                     | 1.2        | 2.0      | 1.3      | • 1        |          |  |          |          |          |  |          | 4.5   | 5 • 3                 |
| E                       | . 9        | 1.5      | • 3      |            |          |  |          |          |          |  |          | 2.7   | 4.4                   |
| ESE                     | • 2        | . 4      | • 5      |            |          |  |          | 1        |          |  |          | 1.2   | 5.5                   |
| SE                      | • 3        | • 2      | • 1      |            |          |  |          | 1        |          | † <del></del>                                    |          | . 5   | 3.7                   |
| SSE                     | 1.0        | ٩        |          |            |          |  |          |          | <u> </u> |  |          | 1.8   | 3.6                   |
| \$                      | 1.7        | • 6      | • 3      | • 1        |          | 1  |          |          |          | 1  |          | 2.8   | 3.6                   |
| SSW                     | 1.5        | 2.0      | 1.0      |            |          |  |          |          | 1        |  |          | 4.5   | 4.7                   |
| SW                      | 1.6        | • 9      | 1.3      | •6         |          | ļ  |          | <u> </u> | 1        |  |          | 4.4   | 6.3                   |
| wsw                     | 1.0        | 1.1      | . 4      | • 4        |          |  |          |          |          |  |          | 2.9   | 0.1                   |
| w                       | 3.4        | 2.2      | .8       |            |          |  |          | 1        | 1        |  |          | 0.3   | 3.9                   |
| WNW                     | 1.9        | 3.3      | 1.1      | • 6        |          |  |          |          |          |  |          | 7.0   | 5.4                   |
| NW                      | • 5        | 1.9      | 1.8      | •5         | • 2      | <del>                                     </del> |          |          |          | <del>                                     </del> |          | 5.3   | 6.8                   |
| NNW                     | • 5        | . 8      | 1.1      | 1.2        | •1       | •1   |          |          | <b>†</b> | <b></b>  |          | 3.6   | 9.3                   |
| VARBL                   |            | • 1      | • 2      |            |          |  |          |          |          |  |          | • 3   | 6.3                   |
| CALM                    | $\searrow$ | $\times$ | $\times$ | $\times$   | $\times$ | $\times$   | $\times$ | $\times$ | $\times$ | $\geq <$   | $\times$ | 36.5  |                       |
|                         | 17.8       | 23.1     | 16.5     | 5.7        | . 3      | •1   |          |          |          |  |          | 100.0 | 3.7                   |

| < | >        | $\sim$       | $\times$     | 30.5        | 6.3 |
|---|----------|--------------|--------------|-------------|-----|
|   |          |              |              | 100.0       | 3,7 |
|   | TOTAL NU | MARIE OF ORS | SERVATIONS _ | <del></del> | 935 |

GEUPAL CLIMATOLOGY BRANCH SCAFETAC ATH AEATHER SERVICE/MAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 17271   | LAJES AB AZ  | 71-80       | JUL              |
|---------|--------------|-------------|------------------|
| STATION | STATION NAME | YEARS       | MONTH            |
|         |              | ALL WEATHER | <u>_303-9590</u> |
|         |              | CLASS       | HOURS (L.S.T.)   |
|         |              |             |                  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6 | 7 - 10 | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55     | ≥54 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------|--------|-------------|-------------|-------------|----------|-------------|-------------|-------------|-----|-------|-----------------------|
| N                       | 1.1               | 1.5   | 4.3    | 1.6         |             |             |          |             |             |             |     | 3.5   | 7.6                   |
| NNE                     | • 3               | 1.1   | 2.3    | • 3         |             |             |          |             |             |             |     | 4.3   | 7.1                   |
| NE                      | . 4               | 1.4   | . 9    |             |             |             |          |             |             |             |     | 2.7   | 6.0                   |
| ENE                     | 1.6               | 1.1   | • 2    | • 1         |             |             |          | I           |             |             |     | 3.0   | 4.0                   |
| E                       | . 4               | 1.0   | • 8    |             |             |             |          |             |             |             |     | 2.2   | 5.3                   |
| ESE                     | . 4               | . 4   | • 1    |             |             |             |          |             |             |             |     | 1.0   | 4.1                   |
| SE                      | • 3               |       | • 1    |             |             |             |          |             | I           |             |     | . 4   | 4.0                   |
| SSE                     | 1.5               | • 2   |        |             |             |             |          |             |             |             |     | 1.8   | 2.6                   |
| 5                       | 1.6               | • 6   | • 2    | • 1         |             |             |          |             |             |             |     | 2.6   | 3.8                   |
| SSW                     | •9                | 1.4   | • 6    | . 4         |             |             |          |             |             |             |     | 3 • 3 | 5.8                   |
| SW                      | 1.5               | 1.6   | 1.6    | . 8         |             |             |          |             |             |             | i   | 5.5   | 6.5                   |
| W5W                     | 1.3               | 1.4   | . 5    | •3          |             |             |          |             |             |             |     | 4.3   | 5.0                   |
| w                       | 3.D               | 1.6   | .6     | •2          |             |             |          |             |             |             |     | 5.5   | 4.2                   |
| WNW                     | 1.4               | 1.7   | 1.C    | • 5         |             |             |          |             |             |             |     | 4.6   | 5.6                   |
| NW                      | 1.2               | 2.7   | 2.9    | . 8         |             |             |          |             |             |             |     | 7.5   | 6.6                   |
| NNW                     | .4                | • 5   | 1.9    | . 9         | • 2         | •1          |          |             |             |             |     | 4.1   | 9.1                   |
| VAROL                   | •1                |       |        |             |             |             |          |             |             |             |     | • 1   | 2.0                   |
| CALM                    | $\supset \subset$ | >>    | ><     | $\supset <$ | $\supset <$ | $\supset <$ | $>\!\!<$ | $\supset <$ | $\supset <$ | $\supset <$ | ><  | 19.2  |                       |
|                         | 17.6              | 18.8  | 18.0   | 6.0         | • 2         | . 1         |          |             |             |             |     | 100.0 | 3.7                   |

| _ |                              | 150.0 | 3.   |
|---|------------------------------|-------|------|
|   | TOTAL NUMBER OF OBSERVATIONS | 3     | 936  |
|   |                              |       | ,,,, |

GLIMATOLOGY BRANCH CLIMETAC ATH WEATHER SERVICE/MAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAJES AR AZ  | 71-8 ت      | JUL            |  |
|---------|--------------|-------------|----------------|--|
| STATION | STATION NAME | YEARS       | MONTH          |  |
|         |              | ALL WEATHER | 0690-386.      |  |
|         |              | CLASS       | HOURS (L.S.T.) |  |
|         |              |             |                |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6  | 7 - 10 | 11 - 16  | 17 - 21  | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 40 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|--------|--------|----------|----------|---------|---------|---------|---------|-------------|-----|-------|-----------------------|
| N                       | ۰٥    | 2.8    | 3.1    | 2.0      |          |         |         |         |         |             |     | τ•5   | 7.7                   |
| NNE                     | • 5   | 1.3    | 1.4    | • 2      |          | L       |         |         |         |             |     | 3.4   | 6.7                   |
| NE                      | • 6   | 2.2    | 1.1    | • 2      |          |         |         |         |         |             |     | 4.1   | 5.                    |
| ENE                     | 1.3   | 1.6    | 1.3    | • 1      |          |         |         |         |         |             |     | 4.3   | 5•:                   |
| E                       | - 8   | 1.5    | • 6    | • 2      |          |         |         |         |         | 1           |     | 3.4   | 5.1                   |
| ESE                     | • 3   | • 5    | • 1    |          |          |         |         |         |         |             |     | 1.0   | 3.9                   |
| SE                      | • 3   | • 7    | • 1    |          |          |         |         | 1       |         |             |     | •6    | 4.2                   |
| SSE                     | 1.6   | . 9    | • 3    |          |          |         |         |         |         |             |     | 2.8   | 3.6                   |
| S                       | 1.7   | • 6    | • 3    |          |          |         |         |         |         |             |     | 2.7   | 3.6                   |
| \$5W                    | • 8   | ٠<br>ئ | 1.G    | • 3      |          |         |         |         |         |             |     | 2.9   | 6.0                   |
| sw                      | 1.2   | 1.1    | 1.2    | . 9      | • 3      |         |         |         |         |             |     | 4.5   | 7.5                   |
| wsw                     | 1.3   | 1.1    | 1.1    | . 4      |          |         |         |         |         |             |     | 3.9   | 6.                    |
| w                       | 1.8   | 2.0    | 1.0    | . 1      |          |         |         |         |         |             |     | 4.9   | 4.6                   |
| WNW                     | 1.6   | 2.8    | 1.6    | . 4      |          |         |         |         |         |             |     | 6.5   | 5.5                   |
| NW                      | 1.2   | 2.6    | 3.1    | . 4      | • 1      |         |         |         |         |             |     | 7.4   | 6.                    |
| NNW                     | • 5   | 1.4    | 3.3    | 1.5      | • 2      |         |         |         |         |             |     | 7.3   | 5.6                   |
| VARBL                   |       | • 1    |        |          |          |         |         |         |         |             |     | •1    | 4.5                   |
| CALM                    | ><    | > <    | >>     | $\times$ | $\times$ | >>      | ><      | $\geq$  | $\geq$  | $\supset <$ | >>  | 31.5  |                       |
|                         | 16.5  | 23.9   | 20.6   | 5.9      | . 6      |         | _       |         |         |             |     | 100.0 | 4.                    |

| TAL | NUMBER | Of | OBSERVATIONS | 93C |
|-----|--------|----|--------------|-----|

GLUBAL CLIMATOLOGY BRANCH USAPETAC AIL WEATHER SERVICE/MAC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAJES AS AZ  | 71-80       | Jül            |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | L900-1100      |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         | <u> </u>     | CONDITION   | <b></b>        |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21  | 22 - 27     | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|-------------|----------|-------------|----------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N                       | 1.3         | 4.0         | 5.5         | 2.7         |          |             |          |             |             |             |             | 14.4  | 7.7                   |
| NNE                     | 1.4         | 3.5         | 2.5         | 1.2         |          |             |          |             |             |             |             | 3.6   | 6.7                   |
| NE                      | 3.2         | 2.6         | 1.2         |             |          |             |          | L           |             |             |             | 5.9   | 4.7                   |
| ENE                     | • 3         | 5.1         | 3.3         | . 4         |          |             |          |             |             |             |             | 9.6   | 6.1                   |
| E                       | 1.1         | 2.9         | 2.3         | • 2         |          |             |          |             |             |             |             | 6.5   | 5 . 9                 |
| ESE                     | . 3         | . 9         | • 9         |             |          |             |          |             |             |             |             | 2.0   | 6.2                   |
| SE                      | • 1         | 1.2         | •6          | • 2         |          |             |          |             |             |             | Ĺ           | 2.2   | 6.6                   |
| SSE                     | .6          | 1.3         | . 0         | • 2         |          |             |          |             |             |             |             | 3.0   | 5.6                   |
| 5                       | . 4         | 1.2         | , p         | • 1         |          |             |          |             |             |             |             | 2.5   | €.0                   |
| SSW                     | • 2         | 1.0         | • 2         | . 6         | • 2      | • 2         |          |             | L           |             |             | 2.5   | 9.9                   |
| sw                      | • 3         | 1.3         | 1.9         | 1.1         | • 2      |             |          |             | <u> </u>    |             |             | 4.8   | 6 • B                 |
| WSW                     | . 4         | 1.2         | 1.8         | • 6         |          |             |          |             |             |             |             | 4.1   | ٤.1                   |
| w                       | . 2         | • 3         | • 3         | • 5         |          |             |          |             |             | L           |             | 1.4   | 8.9                   |
| WNW                     | • 8         | •6          | 2.4         | • 5         |          |             |          |             |             |             |             | 4.3   | 7.7                   |
| NW                      | 1.2         | 1.0         | 4.1         | 2.9         |          | • 3         |          |             |             |             |             | 10.4  | 9.1                   |
| NHW                     | 1.1         | 2.6         | 6.0         | 3.2         | • 3      |             |          |             |             |             |             | 13.2  | ø.6                   |
| VARBL                   | • 3         | . 4         | • 5         |             |          |             |          |             |             |             |             | 1.3   | 5.8                   |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\times$ | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 3.3   |                       |
|                         | 12.7        | 32.9        | 35.2        | 14.6        | . 8      | • 5         |          |             |             |             |             | 100.0 | 7.1                   |

| OTAL | NUMBER | Of | OBSERVATIONS |  | 930 |
|------|--------|----|--------------|--|-----|
|      |        |    |              |  |     |

GLUBAL CLIMATOLOGY BRANCH US AFETAC AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CONDITION

### SURFACE WINDS

| 17271   | LAJES AS AZ  | 71-80       |       | JUL            |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME | <del></del> | YEARS | MONTH          |
|         |              | ALL WEATHER |       | 1200-1400      |
|         |              | CLASS       |       | HOURS (L.S.T.) |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6      | 7 - 10 | 11 - 16  | 17 - 21  | 22 - 27 | 20 - 33     | 34 - 40 | 41 - 47     | 40 - 55           | ≥56      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|--------|----------|----------|---------|-------------|---------|-------------|-------------------|----------|-------|-----------------------|
| N                       | • 3   | 3.3      | 7.2    | 3.7      | • 3      |         |             |         |             |                   |          | 15.3  | 8.7                   |
| NNE                     | • 5   | 4 • €    | 3.7    | • 2      |          |         |             |         |             |                   |          | 5.4   | 6.7                   |
| NE                      | • a   | 5.3      | 1.7    |          |          |         |             |         |             |                   |          | 7.7   | 5.5                   |
| ENE                     | •6    | 3.3      | 4.3    | • 3      |          |         |             |         |             |                   |          | 8.6   | 6.8                   |
| E                       | • 6   | 2.7      | 5.3    | , 4      |          |         |             |         |             |                   |          | 9.0   | 7.0                   |
| ESE                     | • 1   | • 5      | 1.1    | • 1      |          |         |             |         |             |                   |          | 1.9   | 7.1                   |
| SE                      | • 2   | 1.1      | • 9    | • 2      |          |         |             |         |             |                   |          | 2.4   | 6.8                   |
| SSE                     | • 2   | . 4      | 1.2    | • 1      |          |         |             |         |             |                   |          | 1.9   | 7.1                   |
| \$                      | • 3   | 1.0      | . 8    |          |          |         |             |         |             |                   |          | 2.0   | 6.0                   |
| ssw                     | • 2   | • B      | 1.2    | •6       | • 2      |         |             |         |             |                   |          | 3.0   | 0.4                   |
| SW                      |       | 1.0      | 1.6    | . 9      | . 4      |         |             |         |             |                   |          | 3.9   | 10.2                  |
| wsw                     |       | • 2      | 2.0    | 1.0      |          |         |             |         |             |                   |          | 3.2   | 10.0                  |
| W                       |       | • 8      | 1.2    | . 6      |          |         |             |         |             |                   |          | 2.6   | 8.9                   |
| WNW                     | • 3   | . 3      | 1.1    | .6       |          |         |             |         |             |                   |          | 2.4   | 3.7                   |
| NW                      | 8     | 1.7      | 3.9    | 4.2      | . 4      | •2      |             |         |             |                   |          | 11.2  | 10.1                  |
| MMW                     | • 8   | 1.4      | 5.5    | 4.6      | • 3      |         |             |         |             |                   |          | 12.5  | 10.0                  |
| VARSL                   | • 2   | 1.0      | 1.5    | • 1      |          |         |             |         |             |                   |          | 2.3   | 6.7                   |
| CALM                    | ><    | $>\!\!<$ | >>     | $\times$ | $>\!\!<$ | >>      | $\supset <$ | > <     | $\supset <$ | $\supset \subset$ | $\times$ | 1.1   |                       |
|                         | 6.5   | 28.a     | 44.0   | 17.7     | 1.7      | • 2     |             |         |             |                   |          | 100.6 | 3.1                   |

| TOTAL | NUMBER | Of | OBSERVATIONS | 930  |
|-------|--------|----|--------------|------|
|       |        |    |              | <br> |

GL BAL CLIMATOLOGY RRANCH (CAPETAC ACH WEATHER SERVICE/MAC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| ı 2° <b>1</b> | LAJES AS AZ  | 71-80       |       | JUL            |
|---------------|--------------|-------------|-------|----------------|
| STATION       | STATION NAME |             | YEARS | MONTH          |
|               |              | ALL HEATHER |       | 1500+1700      |
|               | <del></del>  | CLASS       |       | HOURS (L.S.T.) |
|               |              |             |       |                |
|               |              | CONDITION   |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6             | 7 - 10      | 11 - 16           | 17 - 21           | 22 - 27     | 28 - 33     | 34 - 40 | 41 - 47            | 48 - 55 | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------------------|-------------|-------------------|-------------------|-------------|-------------|---------|--------------------|---------|------|-------|-----------------------|
| N                       | • 5      | 3 • 4             | 3.4         | 3.2               |                   |             |             |         |                    |         |      | 15.6  | v . 7                 |
| NNE                     | . 0      | 3.0               | 4.1         |                   |                   |             |             |         |                    |         |      | 7.8   | 6.6                   |
| NE                      | 1.2      | 3.≎               | 2.4         | • 1               |                   | Ĺ           |             |         |                    |         |      | 7.5   | 5.7                   |
| ENE                     | • 3      | 4.3               | 2.6         | • 1               |                   | I           |             |         |                    |         |      | 7.3   | 6.0                   |
| E                       | • 3      | 3.4               | 3.1         | • 3               |                   |             |             | I       |                    |         |      | 7.2   | 5.5                   |
| ESE                     | • 2      | . 4               | 1.3         | • 3               |                   | I           |             |         |                    |         |      | 2.3   | 7.7                   |
| SE                      | • 2      | 1.9               | 1.3         |                   |                   |             |             |         |                    |         |      | 3.3   | 6.3                   |
| SSE                     | • 3      | • 6               | 1.2         | • 1               |                   |             |             |         |                    |         |      | 7.3   | 6.6                   |
| 5                       | • ?      | 1.7               | • 1         |                   |                   |             |             |         |                    |         |      | 1.3   | 5.                    |
| SSW                     | ,        | •6                | 1.5         | • 2               |                   |             |             |         |                    |         |      | 2.7   | 7.5                   |
| SW                      | 12       | 1.1               | 2.8         | 1.6               | • 1               | {           |             |         | I                  |         |      | 5.6   | 8.                    |
| wsw                     | • 1      | • 0               | 1.6         | • 6               |                   |             |             |         |                    |         |      | 3.2   | 6                     |
| *                       | • 2      | • 5               | • 9         | • 8               |                   |             |             | I       |                    |         |      | 2.5   | :5                    |
| WNW                     | • :      | • 4               | • 5         | 1.0               |                   | I           | I           | I       |                    |         |      | 2.2   | ر<br>ن                |
| WW                      | • 4      | 1.3               | 4.4         | 4.3               | • 5               |             |             | L       |                    |         |      | 11.3  | 16.                   |
| NNW                     | . 4      | 2.0               | 4.7         | 6.7               | • 2               | • 1         |             |         |                    |         |      | 14.2  | 10.4                  |
| VARBL                   | . 4      | - 8               | 1.0         | • 2               |                   |             |             |         |                    |         |      | 2.4   | 6.                    |
| CALM                    | $\times$ | $\supset \subset$ | $\supset <$ | $\supset \subset$ | $\supset \subset$ | $\geq \leq$ | $\supset <$ |         | $\triangleright <$ |         |      | 1.5   |                       |
|                         | 6.5      | 29.4              | 42.2        | 19.6              | . 0               | .1          |             |         |                    |         |      | 100.0 | b • :                 |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $\frac{\text{FORM}}{\text{JR. 64}}$  0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENEAL CLIMATOLOGY TRANCH LE WETAC AT - FATHER SERVICE/MAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AR AZ  | 71-85       |       | JUL            |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | MONTH          |
|         |              | ALL HEATHER |       | 1530-7580      |
|         |              | CLASS       |       | HOURS (L.S.T.) |
|         |              |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 26 - 33     | 34 - 40 | 41 - 47     | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------|--------|---------|---------|---------|-------------|---------|-------------|---------|-----|-------|-----------------------|
| N                       | 1.3               | 5.5   | 6.9    | 1.7     |         |         |             |         |             |         | _   | 1 - 4 | 7.3                   |
| P!NE                    | 1.2               | 2.2   | 2.4    |         |         |         |             |         |             |         |     | 5.7   | 5.7                   |
| NE                      | 1.6               | 2.0   | • 0    |         |         |         |             |         |             |         |     | 4.5   | 4.6                   |
| ENE                     | 1.2               | 3.7   | 1.6    |         |         |         |             |         |             |         |     | 5.5   | 5.3                   |
| E                       | 1.3               | 3.3   | 1.4    |         |         |         |             |         |             |         |     | 6.3   | 53                    |
| ESE                     | . 7               | 1.4   | • 6    |         |         |         |             |         |             | i       |     | 2.4   | 5.4                   |
| SE                      | .4                | 1.0   | .6     |         |         |         |             |         |             |         |     | 2.3   | 5.3                   |
| SSE                     | 1.A               | 1.4   | • 5    |         |         |         |             |         |             |         |     | 3•ა   | 4.1                   |
| \$                      | 1.2               | • 3   | . 3    |         |         |         |             |         |             |         |     | 2.4   | 3.9                   |
| SSW                     | . 2               | 2.7   | . 9    |         |         |         |             |         |             |         |     | 3.1   | 5.6                   |
| sw                      | • 4               | 2.7   | 1.2    | .6      | • 3     |         |             |         |             |         |     | 13    | 7.4                   |
| wsw                     | • 1               | 1.2   | • 6    | • 3     |         |         |             |         |             | 1       |     | 2.3   | 7.6                   |
| w.                      | • 5               | 1.0   | 1.1    | .0      |         |         |             |         |             |         |     | 3.4   | 7.6                   |
| WNW                     | 1.5               | 1.4   | 1.5    | •6      |         |         |             |         |             |         |     | 4.5   | 6.9                   |
| NW                      | 1.5               | 3.4   | 6.1    | 2.9     | • 1     |         |             |         |             |         |     | 14.2  | 5.0                   |
| NNW                     | د و               | 1.8   | 5.2    | 3.3     | • 3     |         |             |         |             |         |     | 11.5  | 9.2                   |
| VARBL                   | • 5               | • 2   | • 1    |         |         |         |             |         |             |         |     | 1.0   | 3.6                   |
| CALM                    | $\supset \subset$ | >>    | ><     | > <     | > <     | > <     | $\supset <$ |         | $\supset <$ |         | ><  | 6 • 1 |                       |
|                         | 15.7              | 35.1  | 31.9   | 10.4    | . 8     |         |             |         |             |         |     | 110.0 | 6.3                   |

TOTAL NUMBER OF OBSERVATIONS

COMAL CLIMATOLOGY RPANCH CASSITAC AT CONTASTHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| TATION L | LAUFS An AC  | 71-80       |       | JUL            |
|----------|--------------|-------------|-------|----------------|
| STATION  | STATION NAME |             | YEARS | MONTH          |
|          |              | ALL WEATHER |       | 2100-2390_     |
|          |              | GLA58       |       | HOURS (L.S.T.) |
|          |              |             |       |                |
|          |              | CONDITION   |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6    | 7 - 10      | 11 - 16           | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47           | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|----------|-------------|-------------------|---------|----------|---------|---------|-------------------|-------------|-------------|-------|-----------------------|
| N                       | 1.1        | 3.5      | 4.6         | 1.6               | • 1     |          |         |         |                   |             |             | 11.3  | 7.5                   |
| NNE                     | 1.2        | 1.5      | 2.8         | • 1               |         |          |         |         |                   |             |             | 5.7   | 0.4                   |
| NE                      | <b>. 4</b> | 1.4      | • 9         |                   |         |          |         |         |                   |             |             | 7     | 5.1                   |
| ENE                     | • 2        | 1.3      | 1.3         | • 1               | -       |          |         |         | ]                 |             |             | 3.4   | 6 . 2                 |
| ŧ                       | .5         | 1.9      | • 8         |                   |         |          |         |         |                   |             |             | 3     | 5.1                   |
| ESE                     | • 7        | • 3      | • 1         |                   |         |          |         |         |                   |             |             | • 3   | 4.3                   |
| SE                      | • 6        | • 3      | • 1         |                   |         |          |         |         |                   |             |             | 1 • 1 | 3.€                   |
| SSE                     | 1.         | , £      |             |                   |         |          |         |         |                   |             |             | 1.7   | 3.1                   |
| 5                       | 1.7        | • 3      | • 1         | -                 |         | <u> </u> |         |         |                   |             |             | 2.5   | 3.1                   |
| SSW                     | 1.3        | 1.3      | • 5         | • 3               |         |          |         |         |                   |             |             | 3.4   | 5.2                   |
| SW                      | 1.6        | 2.8      | 1.1         | • 3               |         |          |         |         |                   |             |             | 5.5   | 5.1                   |
| WSW                     | 1.5        | 1.3      | • 2         | •2                |         |          |         |         |                   |             |             | 3.0   | 4.5                   |
| w                       | 3.4        | 2.0      | . 4         | • 2               |         |          |         |         |                   |             |             | 6.1   | 3.9                   |
| WNW                     | 1.9        | 3.0      | . 9         | • 3               |         |          |         |         |                   |             |             | 6.3   | 5 e U                 |
| NW                      | • 5        | 1.4      | 2.8         | .8                |         |          |         |         |                   |             |             | 5.5   | 7.7                   |
| NNW                     | • 5        | • 9      | 2.7         | 1.4               | • 1     |          |         |         |                   |             |             | 5.8   | 8.5                   |
| VARSL                   | • 3        |          | • 3         |                   |         |          |         |         |                   |             |             | •6    | 5.3                   |
| CALM                    |            | $\times$ | $\supset <$ | $\supset \subset$ | > <     |          | > <     |         | $\supset \subset$ | $\supset <$ | $\supset <$ | *1.5  |                       |
|                         | 15.3       | 25.1     | 19.6        | 5.4               | • ?     |          |         |         |                   | <u>~</u>    |             | 100.0 | 4.0                   |

|            |                    | 6.3   | 5 . L        |
|------------|--------------------|-------|--------------|
|            |                    | 5.5   | 7.7          |
|            |                    | 5.8   | 8.5          |
|            |                    | .6    | 5.3          |
| $<\!\!\!>$ |                    | 71.5  |              |
|            |                    | 170.0 | 4.0          |
| TOTAL N    | UMBER OF OBSERVATI | ONS   | 9 <b>3</b> 0 |

CL HAL CLIMATOLOGY RRANCH COAMETAC ATHRESERVICE/MAC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 12 11 | LAJES Aª AZ  | 71-80       | JUL            |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL MEATHER | ALL            |
|         | <del></del>  | CLASS       | HOURS (L.S.T.) |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6  | 7 - 10 | 11 - 16  | 17 - 21  | 22 - 27 | 20 - 33     | 34 - 40     | 41 - 47 | 48 - 55     | ≥54         | *           | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|--------|--------|----------|----------|---------|-------------|-------------|---------|-------------|-------------|-------------|-----------------------|
| N                       | i.          | 3.5    | 5.4    | 2.3      | •1       |         |             |             |         |             |             | 12.3        | 7.4                   |
| NNE                     | . 3         | 2.3    | 2.6    | . 3      |          |         |             |             |         |             |             | 5           | 6.6                   |
| NE                      | • 9         | 2.4    | 1.2    | • D      |          |         |             |             |         |             |             | 4.5         | 5 . 4                 |
| ENE                     | • >         | 2.€    | 2.0    | • 2      |          |         |             | ]           |         |             |             | 5.9         | 5.8                   |
| E                       | . 7         | 2,3    | 1.8    | • 1      |          |         |             |             |         |             |             | <b>↓•</b> ? | 6.0                   |
| ESE                     | • 3         | • 6    | • 6    | • 1      |          |         |             |             |         |             | 1           | 1.5         | 5.9                   |
| SE                      | • 3         | • 7    | • 5    | • 1      |          |         |             |             |         |             |             | 1.6         | 5.7                   |
| SSE                     | 1.0         | 9.     | . 5    | • 1      |          |         |             |             |         |             |             | 2.4         | 4.6                   |
| S                       | 1.1         | • 3    | . 4    | •0       |          |         |             |             |         |             |             | 2.4         | 4.3                   |
| SSW                     | • 5         | 1.2    | .9     | . 3      | • 1      | J • C   |             |             |         |             |             | 3.2         | 6.6                   |
| SW                      | • 3         | 1.5    | 1.6    | . 8      | • ?      |         |             |             |         |             |             | ್ರ•೧        | 7.5                   |
| wsw                     | .7          | 1.1    | 1.0    | . 5      |          |         |             |             |         |             |             | 3.3         | 7.J                   |
| W                       | 1.6         | 1.3    | 3.     | . 4      |          |         |             |             |         |             |             | 4.1         | 5.4                   |
| WNW                     | 1.1         | 1.7    | 1.2    | •6       |          |         |             |             |         |             |             | 4.7         | 6.3                   |
| NW                      | 1.7         | 2.1    | 3.6    | 2.1      | • 2      | • 1     |             |             |         |             |             | 9.1         | 5.4                   |
| NNW                     | • 7         | 1.4    | 3.8    | 2.8      | • 2      | ٥.      |             |             |         |             |             | 9.5         | 9.4                   |
| VARBL                   | • 3         | • 3    | • 5    | •0       |          |         |             |             |         |             |             | 1.1         | 5.9                   |
| CALM                    | $\boxtimes$ | $\ge $ | > <    | $\times$ | $\times$ | > <     | $\geq \leq$ | $\boxtimes$ | $\geq$  | $\boxtimes$ | $\geq \leq$ | 18.3        |                       |
|                         | 13.9        |        | 28.5   | 10.8     | . 7      |         |             |             |         |             |             | 100.0       | 5.7                   |

TOTAL NUMBER OF OBSERVATIONS 7445

GLICEAL CLIMATOLOGY BRANCH USIAFETAC AT \*\*EATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AR AZ  | 71-83       | A U 3          |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL_WEATHER | 0010-0200      |
|         | <del></del>  | CLASS       | HOURS (L.S.T.) |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10   | 11 - 16 | 17 - 21     | 22 - 27     | 20 - 33 | 34 - 40     | 41 - 47 | 40 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|----------|---------|-------------|-------------|---------|-------------|---------|-------------|-----|-------|-----------------------|
| N                       | 1.          | 2.7      | 2.3      | . 6     |             |             |         |             |         |             |     | 0.6   | 6.7                   |
| NNE                     | , <u>5,</u> | 1.2      | • 5      | . 4     |             |             |         |             |         |             |     | 2.7   | 0.4                   |
| NE                      | • 3         | 1.1      | 1.1      | • 5     |             | ]           | I       |             |         |             |     | 3.)   | 7.2                   |
| ENE                     | •6          | 1.1      | 1.9      | • 5     |             |             |         |             |         |             |     | 4.2   | 7.3                   |
| E                       | • 3         | 1.7      | • 9      |         |             |             |         |             |         |             |     | 2.9   | 5.6                   |
| ESE                     | . 7         | • 1      | .6       |         |             |             |         |             |         |             |     | 1.1   | 6.9                   |
| SE                      | • 3         | • 3      | • 4      | • 1     |             |             |         |             |         |             |     | 1.6   | 5.5                   |
| SSE                     | •5          | • 5      | • 5      | . 4     |             |             |         |             |         |             |     | 2.3   | 0.7                   |
| \$                      | 1.7         | • 5      | •6       |         |             |             |         |             |         |             |     | 2.2   | 4.9                   |
| SSW                     | 1.7         | 1.1      | 1.1      | • 3     |             |             |         |             |         |             |     | 4.2   | 5.4                   |
| SW                      | 2.3         | 2.3      | 1.6      | • 2     |             |             |         |             |         |             |     | 6.3   | 5.4                   |
| wsw                     | 1.7         | 1.2      | 1.4      | • 1     |             |             |         |             |         |             |     | 4.4   | 5.4                   |
| w                       | 3.8         | 2.4      | • 6      | . 4     |             |             |         |             |         |             |     | 7.2   | 4.3                   |
| WNW                     | 1.6         | 1.8      | •6       | . 4     |             |             |         |             |         |             |     | 4.5   | 5.4                   |
| NW                      | 1.7         | 1.4      | 1.7      | • 6     | • 1         |             |         |             |         |             |     | 4.3   | 7.0                   |
| MMM                     | • 1         | 1.5      | 1.5      | • 9     |             |             |         |             |         |             |     | 4.3   | 6.1                   |
| VARBL                   | . 3         |          | • 1      |         |             |             |         |             |         |             |     | .4    | 3.5                   |
| CALM                    | $\times$    | $\times$ | $\times$ | ><      | $\supset <$ | $\supset <$ | ><      | $\supset <$ |         | $\supset <$ | > < | 37.8  |                       |
|                         | 17.4        | 21.3     | 17.6     | 5.7     | . 1         |             |         |             |         |             |     | 100.0 | 3.7                   |

TOTAL NUMBER OF OBSERVATIONS 935

GL BAL CLIMATOLOGY PRANCH DESTAC AIR SERVICE/MAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| LAJES AR AZ  | 71-80        | <b>∆</b> ∪C               |
|--------------|--------------|---------------------------|
| STATION NAME | YEARS        | MONTH                     |
| ALi          | L WEATHER    | )330-0500                 |
| <del></del>  | CLASS        | HOURS (L.S.T.)            |
|              |              |                           |
| Ł            | STATION NAME | STATION NAME  ALL WEATHER |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 40 - 55     | ≥54         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|----------|----------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N                       | 1.4   | 2.6      | 2.5      | _ 3      | . 1      | • 1         |             |             |             |             |             | 7.3   | 6.6                   |
| NNE                     | • 3   | ٠,       | . 4      | • 3      | • 1      |             |             |             |             |             |             | 2.0   | 7.1                   |
| NE                      | • 0   | . 8      | • 2      | . 4      |          |             |             | L           |             |             |             | 2.3   | to 1                  |
| ENE                     | ٠, د  | 1.7      | 1.3      | . 9      |          |             |             |             |             |             |             | 4.2   | à • C                 |
| ŧ                       | 5     | . 4      | 1.0      | • 1      |          |             |             |             |             |             |             | 2.3   | 6.4                   |
| ESE                     | . 4   | • 5      | • 3      | • 1      |          |             |             |             |             |             |             | 1.4   | 5.2                   |
| SE                      | • 6   | . 4      | . 6      | • 1      |          |             |             | <u> </u>    | <u></u>     |             |             | 1.5   | 6.0                   |
| 322                     | 1.1   | • 9      |          | . ?      |          |             |             | <u> </u>    |             |             | <u> </u>    | 2.2   | 4.3                   |
| \$                      | 1.7   | • 6      | • 5      |          |          |             |             |             | <u> </u>    |             |             | 2.5   | 4.3                   |
| SSW                     | 1.4   | • 3      | • 6      |          |          |             |             |             |             |             | L           | 2.8   | 4.4                   |
| sw                      | • 6   | 1.8      | 2.2      | .6       |          |             |             | <u> </u>    |             |             |             | 5.3   | 7.3                   |
| wsw                     | 1.7   | 1.4      | 1.2      |          |          |             |             |             | <u> </u>    | <u> </u>    |             | 4.3   | 4.7                   |
| w                       | 3.3   | 1.8      | • 5      | . 3      |          |             |             |             | <u> </u>    |             |             | 6.0   | 4.3                   |
| WNW                     | 2.4   | 2.2      | . 6      | . 5      |          |             |             | <u> </u>    |             |             |             | 5.7   | 5.0                   |
| NW                      | • 9   | 1.2      | 1.€      | • 5      |          |             | <u> </u>    |             | <u> </u>    |             |             | 4.5   | 7.0                   |
| NNW                     | • 5   | 1.2      | 1.1      | 1.4      |          | • 1         |             |             |             |             |             | 4.3   | 8.4                   |
| VARSL                   | • 3   |          | • 2      |          |          |             |             |             |             |             |             | • 5   | 4.2                   |
| CALM                    | >>    | $>\!\!<$ | $>\!\!<$ | $>\!\!<$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 41.2  |                       |
|                         | 19.3  | 18.7     | 15.5     | 5.9      | • 2      | • 2         |             |             |             |             |             | 100.0 | 3.5                   |

| i         |            | <u>L</u>   | 100.0 | 3.5 |  |
|-----------|------------|------------|-------|-----|--|
| TOTAL NUM | USER OF OR | SERVATIONS |       | 933 |  |

CL PAL CLIMATOLOGY PRANCH CAFETAC ATS LEATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 1 2 1 | LAJES AR AT  | 71-80       | AUS                |
|---------|--------------|-------------|--------------------|
| STATION | STATION NAME | YEARS       | MONTH              |
|         |              | ALL WEATHER | 36 <b>33-380</b> 0 |
|         |              | CLASS       | HOURS (L.S.T.)     |
|         |              | CONDITION   |                    |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6                   | 7 - 10       | 11 - 16      | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40     | 41 - 47     | 40 - 55 | ≥54          | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------------------------|--------------|--------------|---------|---------|----------|-------------|-------------|---------|--------------|-------|-----------------------|
| N                       | . 4      | 1.9                     | 3.1          | .6           |         | •1      |          |             | Ì           |         |              | 5.2   | 7.7                   |
| NNE                     | • .      | 1.1                     | • 9          |              |         |         |          |             |             | i       |              | 2.2   | 5.6                   |
| NE                      | • 7      | 1.5                     | 1.1          | • 5          |         | i       |          |             |             |         |              | 3.4   | 7.5                   |
| ENE                     | • '.     | 1.3                     | 1.2          | • 6          |         |         |          |             |             |         |              | 4.0   | 6.5                   |
| E                       | . 4      | . 5                     | 1.5          | • 2          |         |         |          |             |             |         |              | 2.7   | 5.9                   |
| ESE                     | ?        | • 3                     | • 8          |              |         |         |          |             | <u> </u>    | 1       |              | 1.4   | 6.4                   |
| SE                      | • 5      | • 7                     | • 3          | • 1          |         |         |          |             | <del></del> |         |              | 1.5   | 5.2                   |
| SSE                     | 1.2      | 1.3                     | • 2          |              |         |         |          |             | <u> </u>    |         |              | 2.7   | 4 - 1                 |
| S                       | 1.1      | 1.2                     | • 1          |              |         |         |          |             |             | 1       |              | 2.4   | 3.0                   |
| SSW                     | • 9      | • R                     | • 5          | • 1          |         |         |          |             |             |         |              | 2.4   | 5.2                   |
| sw                      | 1.7      | 2.7                     | 1.6          | •6           |         | 1       |          |             |             |         |              | 5.€   | 6.5                   |
| wsw                     | 2.3      | 2.4                     | 1.1          | . 4          |         |         |          |             | 1           |         |              | 6.1   | 5.1                   |
| w                       | 2.3      | 1.7                     | 1.5          | • 3          |         |         |          |             |             |         | <del>,</del> | 5.8   | 5.1                   |
| WNW                     | 1.2      | 3.3                     | . 9          | • 1          |         | i       |          | ļ           |             |         |              | 5.5   | 5.1                   |
| NW                      | • 0      | 2.3                     | 2.5          | . 8          | •1      |         |          | <b>†</b>    | ·           |         |              | 6.7   | 7.ú                   |
| NHW                     | •6       | 1.7                     | 2.5          | 1.3          |         | •1      | •1       |             |             |         | •            | 6.3   | 8.4                   |
| VARBL                   | •1       | • 2                     | •1           |              |         |         |          |             |             |         | ···          | -4    | 4.6                   |
| CALM                    | $\times$ | $\overline{\mathbf{x}}$ | $\mathbb{X}$ | $\mathbb{X}$ | > <     | > <     | $\times$ | $\supset <$ | $\supset <$ |         | >            | 34.6  |                       |
|                         | 15.3     | 24.5                    | 19.4         | 5.8          | • 1     | • 2     | • 1      |             |             |         |              | 100.0 | 4.0                   |

| TOTAL | NUMBER C | × | OBSERVATIONS | 93: |  |
|-------|----------|---|--------------|-----|--|

GLEMAL CLIMATOLOGY BRANCH - MELTAC AL SEATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

•

| 21.1    | LAUES AS AZ  | 71-85       |       | 865            |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | MONTH          |
|         |              | ALL WEATHER |       | 200-1100       |
|         |              | CLASS       |       | HOURS (L.S.T.) |
|         |              |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥54      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|----------|----------|----------|----------|-------------|-------------|-------------|-------------|----------|-------|-----------------------|
| N                       | 1.3      | 3.7      | 4 • 2    | 1.8      | • 1      |          |             |             |             |             |          | 11.2  | 7.5                   |
| NNE                     | • 5      | 2.4      | 1.7      | • 2      |          |          |             |             |             |             |          | 4.1   | t • 4                 |
| NE                      | • 3      | 2.5      | 1.9      | • 3      |          |          |             |             |             |             | L        | 5.5   | ٤.4                   |
| ENE                     | 1.6      | 3.7      | 2.6      | 1.3      | • 1      |          |             |             |             |             | {        | 7.2   | 6.5                   |
| E                       | • 9      | 3.0      | 2.3      | • 3      |          |          |             |             |             |             |          | 6.2   | 6.3                   |
| ESE                     | . 4      | •<br>a.  | 1.1      | • 1      |          |          |             |             |             |             |          | 2.4   | 6.4                   |
| SE                      | • 6      | 1.9      | 1.2      | • 3      |          |          |             |             |             |             |          | 4.1   | 6.2                   |
| SSE                     | . 4      | 1.4      | 1.5      | • 2      |          |          |             |             |             |             |          | 3.5   | 6.2                   |
| S                       | . 4      | 1.2      | • 5      | • 3      |          |          |             |             |             |             |          | 2.5   | 5.9                   |
| \$5W                    | . 4      | 1.7      | 1.2      | . 3      |          | L        |             |             |             |             |          | 3.7   | <b>.</b>              |
| sw                      | • 5      | 2.6      | 2.3      | • 3      |          |          |             |             |             |             |          | 5.7   | 5.9                   |
| WSW                     | - 5      | • 8      | 2.9      | • 3      |          |          | <u> </u>    |             |             |             |          | 4.5   | 7.8                   |
| w                       | • 2      | • 3      | 1.2      | • 2      |          |          |             |             |             |             |          | 2.4   | 7.5                   |
| WNW                     | • 9      | 1.5      | 2.0      | 1.2      | • 2      |          |             |             |             |             |          | 5.8   | 6.0                   |
| NW                      | 1.3      | 2.3      | 6.0      | 2.9      | • 2      |          |             |             |             |             |          | 12.7  | 8.6                   |
| NNW                     | 1.1      | 2.9      | 4.2      | 1.8      | • 2      |          |             |             |             |             |          | 10.1  | 9.0                   |
| VARBL                   | • 5      | • B      | • 5      |          |          |          |             |             |             |             |          | 1.8   | 4.9                   |
| CALM                    | $>\!\!<$ | $>\!\!<$ | $\times$ | $>\!\!<$ | $>\!\!<$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\boxtimes$ | $\geq \leq$ | $>\!\!<$ | 3.7   |                       |
|                         | 12.5     | 33+7     | 37.1     | 12.0     | . 9      |          |             |             |             |             |          | 150.0 | 6.9                   |

CLOSAL CLIMATOLOGY BRANCH OSAFETAC AL AZATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| LAJES AS AZ  | 71-80                    | ٠, ۲                             |
|--------------|--------------------------|----------------------------------|
| STATION NAME | YEARS                    | MONTH                            |
|              | ALL REATHER              | 12 0-1400                        |
|              | CLASS                    | HOURS (L.E.T.)                   |
|              |                          |                                  |
|              | CONDITION                |                                  |
|              | LAJES AB AZ STATION NAME | STATION NAME  ALL JEATHER  CLASS |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6          | 7 - 10   | 11 - 16     | 17 - 21     | 22 - 27 | 20 - 33     | 34 - 40 | 41 - 40     | 40 - 55 | ≥54 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------------|----------|-------------|-------------|---------|-------------|---------|-------------|---------|-----|-------|-----------------------|
| Z                       | 1.1   | 4.5            | 5.9      | • 0         |             |         |             |         |             |         |     | 12.4  | 7.0                   |
| NNE                     | • F,  | 2.4            | 2.5      | . 4         |             |         |             |         |             |         |     | 5.8   | 6.7                   |
| NE                      | •6    | 2.6            | 2.6      | • 5         |             |         |             |         |             |         |     | 5.3   | 6.5                   |
| ENE                     | . 7   | 3.1            | 2.8      | 1.4         |             |         |             |         |             |         |     | 7.6   | 7.€                   |
| E                       | • 6   | 2.4            | 4.7      | • 9         |             |         |             |         |             |         |     | 7.9   | 7.1                   |
| ESE                     | •1    | • 6            | • A      | • 2         |             |         |             |         |             |         |     | 1.7   | 7.4                   |
| SE                      | • 4   | 1.0            | 1.4      | . 4         |             |         |             |         |             |         | Ī   | 3.2   | 7.3                   |
| SSE                     | . 4   | • <sup>2</sup> | 1.1      | • 6         |             |         |             |         |             |         | 1   | 2.9   | 7.6                   |
| S                       | • ?   | 1.1            | 1.9      | • 2         |             |         |             |         |             |         |     | 3.3   | 7.∪                   |
| ssw                     | • 3   | 1.3            | 1.8      | .4          |             |         |             |         |             |         |     | 3.7   | 7.7                   |
| sw                      |       | 1.6            | 1.4      | . P         |             |         |             |         |             |         |     | 3.4   | 8.0                   |
| WSW                     | • 2   | • 3            | 3.3      | •6          |             |         |             |         |             |         |     | 5.1   | 8.1                   |
| w                       | • 2   | • 3            | 1.1      | • 3         |             |         |             |         |             |         |     | 2.4   | 7."                   |
| WNW                     | . 4   | . 9            | 1.4      | 1.8         | • 3         |         |             |         |             |         |     | 4.7   | 9.8                   |
| NW                      | •1    | 2.8            | 5.3      | 4.6         | • 1         |         |             |         |             |         | 1   | 12.9  | 9.4                   |
| NNW                     | .4    | 1.0            | 6.7      | 3.3         | • 1         |         |             |         |             |         |     | 12.5  | 9.1                   |
| VARBL                   | • A   | • 5            | .6       | <u> </u>    |             | 1       | T -         |         |             | Ī       | I   | 2.0   | 4.9                   |
| CALM                    | >>    | $\times$       | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq$  | $\boxtimes$ | $\ge$   | $\geq \leq$ | $\ge$   | ><  | 1.6   |                       |
|                         | 6.9   | 29.0           | 44.4     | 17.5        | . 5         |         |             |         |             |         |     | 154.0 | 7.8                   |

TOTAL NUMBER OF OBSERVATIONS 935

SECRAL CLIMATOLOGY BRANCH STATETAC AT REATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AS AT  | 71-80       | 400            |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YE          | ARS MONTH      |
|         |              | ALL WEATHER | 1530-1700      |
| •       |              | CLASS       | HOURS (L.S.T.) |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6         | 7 - 10 | 11 - 16  | 17 - 21  | 22 - 27  | 26 - 33  | 34 - 40     | 41 - 47     | 48 - 55     | ≥54 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|---------------|--------|----------|----------|----------|----------|-------------|-------------|-------------|-----|-------|-----------------------|
| N                       | 1.1      | 4.7           | 5.6    | 1.2      |          |          |          |             |             |             |     | 11.3  | 7.1                   |
| NNE                     | 1.5      | 3.5           | 1.6    | • 1      |          |          |          |             | I           |             |     | 6.8   | 5.4                   |
| NE                      | 1.6      | 3.3           | 2.3    | • 5      |          |          |          |             | 1           |             |     | 7.7   | 6.0                   |
| ENE                     | 1.7      | 2.9           | 3.2    | 1.3      |          |          |          |             |             |             |     | 3.4   | 7.1                   |
| E                       | •5       | 3.0           | 3.5    | •2       |          | ,        |          |             |             |             |     | 7.3   | 6.3                   |
| ESE                     | • 2      | • 5           | • 5    | •1       |          |          |          |             |             |             |     | 1.4   | 6.6                   |
| SE                      | 6.       | . 9           | 1.1    | . 4      |          |          |          |             |             |             |     | 3.2   | 6.4                   |
| SSE                     | •5       | 1.5           | 1.1    | • 3      |          |          |          |             |             |             |     | 3.4   | 6.7                   |
| \$                      | .8       | • 6           | 9.     |          |          |          |          |             |             |             |     | 2.2   | 5.5                   |
| SSW                     |          | , A           | 1.7    | . 4      |          |          |          |             |             |             |     | 2.9   | 8.4                   |
| SW                      | • 1      | 1.5           | 3.7    | . 4      |          |          |          |             | <del></del> |             |     | 5.7   | 5.1                   |
| wsw                     |          | 1.1           | 2.2    | • 5      |          |          |          |             | 1           |             |     | 4.0   | 5,∙0                  |
| w                       | •1       | • ?           | . 8    | • 1      |          |          |          |             |             |             |     | 1.9   | 7.1                   |
| WNW                     | .2       | • 1           | 1.8    | 2.5      | • 2      | 1        | 1        |             | ·           | 1           |     | 5.5   | 10.0                  |
| NW                      | .4       | 1.9           | 5.4    | 4.2      | • 2      |          |          |             |             |             |     | 12.2  | 9.5                   |
| NNW                     | .4       | 2.6           | 6.3    | 3.5      |          |          |          |             | 1           |             |     | 12.9  | 0.9                   |
| VARDL                   | • 6.     | . 4           | .6     |          |          |          |          |             |             | Î           |     | 1.7   | 4.8                   |
| CALM                    | $\times$ | $\Rightarrow$ |        | $\times$ | $\times$ | $\times$ | $\times$ | $\boxtimes$ | $\boxtimes$ | $\boxtimes$ |     | 1.1   |                       |
|                         | 10.9     | 29.6          | 42.2   | 15.9     | . 4      |          |          |             |             |             |     | 170.0 | 7.5                   |

TOTAL NUMBER OF OSSERVATIONS

230

SL BAL CLIMATOLOGY BRANCH OLAFETAC ATH WEATHER SERVICE/MAC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AS AZ  | 71-80       | A U C          |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | 1870+2400      |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6              | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥54         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|--------------------|-------------|---------|---------|---------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N                       | 1.1         | 3.1                | 3.4         | 1.2     | • 1     |         |             |             |             |             |             | 5.9   | 7.1                   |
| NNE                     | 1.5         | 2.8                | 1.1         |         |         |         |             |             |             |             |             | 5.5   | ₩.9                   |
| NE                      | • 4         | 2.5                | 1.1         | • 2     |         |         |             |             |             |             |             | 4.5   | 5.5                   |
| ENE                     | 1.7         | 2.5                | 1.9         | •6      | • 1     |         |             |             |             |             |             | 6.7   | 6.2                   |
| E                       | 1.1         | 2.4                | 1.6         | • 3     |         |         |             |             |             |             |             | ₹ . 4 | 5.6                   |
| ESE                     | • 5         | .6                 | 1.0         |         |         |         |             |             |             |             |             | 2.2   | 5.7                   |
| SE                      | 1.3         | 1.1                | . 4         | • 3     |         |         |             |             |             |             |             | 3.1   | 4.9                   |
| SSE                     | 1.3         | 1.0                | . 6         | • 1     |         |         |             |             |             |             |             | 7.1   | 5.1                   |
| S                       | 1.7         | 1.3                | • 1         | • 1     |         |         |             |             |             | <u> </u>    |             | 3.2   | 3.7                   |
| SSW                     | • 5         | 1.2                | . 2         | • 1     |         |         |             |             |             |             |             | 2.0   | 4.9                   |
| sw                      | 1.5         | 2.9                | 2.8         | • 5     |         |         |             |             | L           |             |             | 7.7   | 6 · c                 |
| wsw                     | 9           | 1.5                | 1.9         | • 3     |         | I       |             |             |             |             |             | 4.5   | 6.4                   |
| w_                      | 1.4         | . 6                | 1.0         | • ĉ     |         |         |             | l           |             |             |             | 3.2   | 5.4                   |
| WNW                     | 1.2         | 1.4                | 2.3         | • 6     | • 1     |         | <u> </u>    |             |             |             |             | 5.6   | 6.0                   |
| NW                      | • 0         | 2.8                | 6.1         | 1.9     |         |         |             |             |             |             |             | 11.7  | 8.0                   |
| NHW                     | 1.1         | 3.5                | 4.7         | 1.5     |         |         |             |             | l           | 1           |             | 13.9  | 7.5                   |
| VARBL                   | 1.0         | • 1                | • 2         | • 1     |         |         |             |             |             |             |             | 1.4   | 3 • a                 |
| CALM                    | $\supset <$ | $\triangleright <$ | $\boxtimes$ | ><      | >><     | ><      | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 10.0  |                       |
|                         | 19.5        | 31.3               | 30.6        | 8.3     | • 3     |         |             |             |             |             |             | 100.0 | 5.7                   |

|       |        |    |              | 100.5 | 5.7 |
|-------|--------|----|--------------|-------|-----|
| TOTAL | NUMBER | OF | OBSERVATIONS |       | 930 |

GLUMAL CLIMATOLOGY BRANCH Churetac Aly Weather Service/Mac

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AB AZ  | 71-80       | <b>A</b> ∪.    |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | 2100-2300      |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10 | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40     | 41 - 47 | 48 - 55       | ≥54      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|--------|----------|----------|--|----------|-------------|---------|---------------|----------|-------|-----------------------|
| N                       | • 8   | 2 • 5       | 2.2    | • 9      |          |  |          |             |         |               |          | 5.2   | 5.4                   |
| NNE                     | • 3   | 1.6         | 1.0    |          |          |  |          |             |         |               |          | 2.7   | 5.7                   |
| NE                      | -5    | 1.9         | .6     | • 1      |          |  |          |             |         |               |          | 3.2   | 5.3                   |
| ENE                     | • 3   | 1.1         | 1.9    | • 9      |          |  |          |             |         |               |          | 4.2   | 6.5                   |
| E                       | - 5   | 1.1         | 1.1    | • 2      |          |  |          |             |         | 1             |          | 2.9   | 5.1                   |
| ESE                     | • 2   | . 4         | .9     |          |          |  |          |             |         |               |          | 1.5   | 6.1                   |
| SE                      | • 3   | • 5         | •5     | •2       |          |  |          |             |         |               |          | 1.6   | 6.2                   |
| SSE                     | 1.1   | . 4         | .4     | • 2      |          |  |          |             |         |               |          | 2.2   | 4.9                   |
| 5                       | 1.2   | 1.0         | • 2    | • 2      |          |  |          |             |         |               |          | 2.5   | 4.3                   |
| SSW                     | 2.3   | 1.4         | 1.1    | • 3      |          | <del>                                     </del> |          |             |         | † <del></del> |          | 5.1   | 5.2                   |
| SW                      | 1.9   | 2.5         | 1.4    |          |          | 1  |          |             |         | <del></del>   |          | 5.9   | 4.9                   |
| wsw                     | 2.3   | 1.7         | .6     | • 2      |          | † — — — — — — — — — — — — — — — — — — —          |          | <b></b>     | †       | <u> </u>      |          | 4.5   | 4.5                   |
| w                       | 3.9   | 1.3         | •1     | • 3      |          |  |          | <u> </u>    |         |               | <u> </u> | 5.6   | 3.6                   |
| WNW                     | 1.5   | 1.7         | . 8    | .9       |          |  |          |             |         |               |          | 4.3   | 6.2                   |
| NW                      | • 5   | 2.3         | 1.3    | •6       |          |  |          |             |         | <del> </del>  |          | 4.5   | 6.9                   |
| NNW                     | • 2   | 2.0         | 2.6    | 1.1      |          |  |          |             |         |               |          | 5.7   | 7.8                   |
| VARSL                   | • 1   | • 1         | • 3    |          |          |  |          | <del></del> |         |               |          | -5    | 6.2                   |
| CALM                    |       | $\geq \leq$ |        | $\times$ | $\times$ | $\times$   | $\times$ | $\times$    | $\geq$  | $\geq$        | >>       | 35.2  |                       |
|                         | 18.1  | 23.7        | 17.0   | 6.1      |          |  |          |             |         |               |          | 150.0 | 3.8                   |

| TAL | NUMBER | Of | OSSERVATIONS | 930 |
|-----|--------|----|--------------|-----|

CL PAL CLIMATOLOGY GRANCH CAPETAC

AT LEATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 17211   | LAUES AS AZ  | 71-90       | <b>4</b> 05    |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL REATHER | ALL            |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 · 27    | 28 - 33 | 34 - 40     | 41 - 47     | 48 - 55 | ≥54         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|----------|----------|----------|----------|------------|---------|-------------|-------------|---------|-------------|-------|-----------------------|
| N                       | 1.3        | 3 - 1    | 3.6      | • 9      | • 0      | • <b>១</b> |         |             |             |         |             | 2.3   | 7.1                   |
| NNE                     | .7         | 2.5      | 1.2      | • 2      | • 0      |            |         |             |             |         |             | 4.1   | 5.9                   |
| NE                      | .7         | 2.0      | 1.4      | . 4      |          |            |         |             |             |         |             | 4.5   | 6.3                   |
| ENE                     | • 9        | 2.1      | 2.2      | . 0      | .0       |            |         |             |             |         |             | 6.1   | 7.1                   |
| E                       | • 5        | 1.8      | 1.9      | • 3      |          |            |         |             |             |         |             | 4.7   | 6.4                   |
| ESE                     | • 3        | • 5      | • 7      | • 1      |          |            |         |             |             |         |             | 1.6   | 6.3                   |
| SE                      | • 6        | . 9      | . 8      | • 3      |          |            |         |             |             |         |             | 2.6   | 6.0                   |
| SSE                     | • 6        | 1.0      | .7       | • 3      |          |            |         |             |             | }       |             | 2.8   | 5.8                   |
| 5                       | 1.0        | • 3      | .6       | •1       |          |            |         |             |             |         |             | 2.6   | 4.9                   |
| SSW                     | .9         | 1.1      | 1.0      | • 3      |          |            |         |             |             |         |             | 3.4   | 6.0                   |
| SW                      | 1.1        | 2.2      | 2.1      | . 4      |          |            |         |             |             |         |             | 5.9   | 6.5                   |
| wsw                     | 1.2        | 1.4      | 1.8      | • 3      |          |            |         |             |             |         |             | 4.7   | 6.2                   |
| w                       | 1.9        | 1.3      | .8       | • 3      |          |            |         |             |             |         |             | 4.3   | 5.5                   |
| WNW                     | 1.2        | 1.6      | 1.3      | 1.C      | • 1      |            |         |             |             |         |             | 5.3   | 7.3                   |
| NW                      | • 8        | 2.2      | 3.7      | 2.0      | • 1      |            |         |             |             |         |             | 8.7   | 8.3                   |
| NNW                     | .6         | 2.2      | 3.7      | 1.9      | •0       | •0         | •0      |             |             |         |             | 8.4   | 8.4                   |
| VARBL                   | • 6        | • 3      | • 3      | •0       |          |            |         |             |             |         |             | 1.1   | 4.7                   |
| CALM                    | $\searrow$ | $\times$ | $\times$ | $\times$ | $>\!\!<$ | $\times$   | > <     | $\geq \leq$ | $\geq \leq$ | $\geq$  | $\geq \leq$ | 20.7  |                       |
|                         | 14.5       | 26.5     | 28.0     | 9.7      | • 3      | • 1        | .0      |             |             |         |             | 100.0 | 5.4                   |

TOTAL NUMBER OF OSSERVATIONS

744

GLUPAL CLIMATOLOGY BRANCH PARETAC AIR WEATHER SERVICE/MAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1/2/1   | LAJES AS AZ                           | 71-80       | <b>43</b> 2    |
|---------|---------------------------------------|-------------|----------------|
| STATION | STATION NAME                          | YEARS       | МОНТИ          |
|         |                                       | ALL WEATHER | .000-000       |
|         |                                       | CLASS       | HOURS (L.S.T.) |
|         | · · · · · · · · · · · · · · · · · · · | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10      | 11 - 16 | 17 - 21  | 22 - 27  | 20 - 33     | 34 - 40 | 41 - 47     | 48 - 55     | ≥\$6 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|-------------|---------|----------|----------|-------------|---------|-------------|-------------|------|-------|-----------------------|
| N                       | .4          | 1.7      | 1.8         | .9      |          |          |             |         |             |             |      | 4.0   | 7.6                   |
| NNE                     | .7          | • 7      | . 8         | • 2     |          | • 2      |             |         |             |             |      | 2.6   | 7.7                   |
| NE                      | • ?         | 1.2      | 1.1         | • 1     |          |          |             | 1       |             |             |      | 2.7   | 5.1                   |
| ENE                     |             | 1.1      | 1.2         | . 1     |          |          | }           | 1       |             |             |      | 2.4   | 7.2                   |
| E                       | • 3         | • 9      | 1.6         | 2.1     | • 1      |          |             |         |             |             |      | 5.3   | 9.3                   |
| ESE                     | • 3         | . 9      | . 4         | • 2     | • 3      |          |             |         |             |             |      | 2.2   | 0.2                   |
| SE                      | 1.0         | 1.1      | .6          | .8      | • 1      |          |             |         |             |             |      | 3.6   | 7.0                   |
| SSE                     | 1.2         | 1.9      | 1.3         | •1      |          |          |             |         |             |             |      | 4.6   | 5.5                   |
| \$                      | 1.7         | 1.9      | 1.4         | •2      | • 3      |          |             |         |             |             |      | 5.6   | 6.3                   |
| SSW                     | • 2         | • 3      | • 6         | •6      | • 2      |          |             |         |             |             |      | 1.9   | 9.4                   |
| SW                      | 1.4         | 1.8      | 2.0         | .9      | •2       |          |             |         |             |             |      | 6.3   | 7.2                   |
| wsw                     | 2.0         | 1.9      | .6          | .4      |          |          |             |         |             |             |      | 4.9   | 5.1                   |
| w                       | 2.3         | 1.4      | .7          | •2      |          |          |             |         |             |             |      | 4.7   | 4.7                   |
| WNW                     | 1.1         | 1.8      | 1.1         | • 1     |          |          |             |         |             |             |      | 4.1   | 5.7                   |
| NW                      | 1.5         | 1.2      | 1.3         | 1.8     | • 6      | •1       | • 1         |         |             |             |      | 6.1   | 9.9                   |
| NNW                     |             | • 4      | 1.6         | 2,1     | •2       |          |             |         |             |             |      | 4.3   | 10.7                  |
| VARBL                   | • 1         |          |             |         |          |          |             |         |             |             |      | • 1   | 3 • ≎                 |
| CALM                    | $\supset <$ | $\times$ | $\supset <$ | ><      | $\times$ | $>\!\!<$ | $\geq \leq$ | $\geq$  | $\geq \leq$ | $\supset <$ | ><   | 34.2  |                       |
|                         | 14.1        | 20.2     | 18.0        | 10.9    | 2.1      | . 3      | •1          |         |             |             |      | 100.0 | 4.8                   |

|                          | 100.0 | 4.8 |
|--------------------------|-------|-----|
| TOTAL NUMBER OF OBSERVAT | TIONS | 905 |

CL FAL CLIMATOLOGY RRANCH DIAFETAC AI WEATHER SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 12: 1 | LAJES AC A?  | 71-83       |       | ናይ <u></u> የ       |
|---------|--------------|-------------|-------|--------------------|
| STATION | STATION NAME |             | YEARS | MONTH              |
|         |              | ALL JEATHED |       | ∴3Un <b>-</b> a5n0 |
|         |              | CLASS       |       | HOURS (L.S.T.)     |
|         |              |             |       |                    |

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4-6      | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 29 - 33 | 34 - 40     | 41 - 47            | 48 - 55 | ≥56      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|--------|---------|----------|---------|---------|-------------|--------------------|---------|----------|-------|-----------------------|
| N                       | • 2      | • 9      | 2.0    | 3 •     |          | • 1     |         |             |                    |         |          | 3.7   | 8.5                   |
| NNE                     | • 5      | 2.1      | • 3    | • 2     |          |         |         |             |                    |         |          | 3.4   | 6.1                   |
| NE                      | • 1      | 1.1      | • 0    | • 1     |          |         |         |             |                    |         |          | 2.2   | t. A                  |
| ENE                     | • 1      | • 3      | 1.1    |         |          |         |         |             |                    |         |          | 1.6   | 5.2                   |
| E                       | • 7      | . 4      | .7     | 1.3     |          |         |         |             |                    |         |          | 3.1   | 8.5                   |
| ESE                     | • ?      | . 4      | 1.3    | 1.0     | • 2      |         |         |             |                    |         | 1        | 7.7   | 10.0                  |
| SE                      | • 3      | ٠ ٩      | 1.2    | 1.1     |          |         |         |             |                    |         |          | 3.5   | 7.9                   |
| SSE                     | 1.3      | 1.3      | . 9    |         |          |         |         |             |                    |         | !        | 7.2   | 5.5                   |
| \$                      | 1.9      | 1.6      | 1.3    | • 8     |          |         |         | [           |                    |         |          | . 4   | 6.3                   |
| 55W                     | 1.1      | 1.2      | 1.2    | • 3     |          |         |         |             |                    | ]       | [        | 3.9   | 6.2                   |
| SW                      | 1.3      | 1.0      | 1.4    | . 1     | . 1      |         |         |             |                    |         |          | 4.0   | 5.6                   |
| WSW                     | • 4      | 1.7      | 1.4    | 1.0     |          |         |         |             |                    |         |          | 5.0   | 7.0                   |
| w                       | 3.2      | 2.0      | • 6    | • 3     |          |         |         |             |                    |         |          | 7.3   | 4 . 4                 |
| WNW                     | 1.1      | • 7      | 1.0    | • 4     |          |         |         |             |                    |         |          | 3.4   | 0.5                   |
| NW                      | • 2      | 1.7      | 2.4    | 1.6     | • 2      | • 3     |         |             |                    |         |          | 6.1   | 10.2                  |
| NNW                     |          | • 2      | 2.1    | 2.4     | .1       | • 1     |         |             |                    |         | 1        | 5.0   | 11.0                  |
| VARSL                   | • 2      |          |        |         |          |         |         |             |                    |         |          | • 2   | 2.0                   |
| CALM                    | $\times$ | $\times$ | ><     | ><      | $\times$ | > <     | ><      | $\supset <$ | $\triangleright <$ |         | $\geq <$ | 34.4  |                       |
|                         | 13.3     | 19.0     | 20.4   | 11.6    | 7        | • 6     |         |             |                    |         |          | 173.0 | 4.8                   |

| OTAL NUMBER OF OBSERVATIONS | 900 |
|-----------------------------|-----|
|-----------------------------|-----|

GLURAL CLIMATOLOGY RRANCH LIZELTAC AI VEATHER SERVICE/MAC

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 51 P              |
|-------------------|
| MONTH             |
| <b>ᲔᲮᲔᲔ−ᲔᲑᲘ</b> Ე |
| HOURS (L.S.T.)    |
| _                 |
| -                 |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55 | ≥ 56        | *       | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|--------|---------|---------|----------|-------------|-------------|-------------|---------|-------------|---------|-----------------------|
| N                       | -           | 1.3         | 2      | . 7     |         |          |             |             |             |         |             | 4.4     | 7.7                   |
| NNE                     | • 1         | 14          | 1.0    | • 3     |         |          |             |             |             |         |             | 2.9     | 7.2                   |
| NE                      | • 2         | • 7         | 1.3    | • 2     |         |          |             |             | 1           |         |             | 2.4     | 7 • 5                 |
| ENE                     | • 2         | • 7         | . 6    | • 3     |         |          |             |             |             |         |             | 7.1     | 7.2                   |
| E                       | . €.        |             | • 9    | 1 • 8   | • 1     | • 1      |             |             |             |         |             | 3.5     | 10.4                  |
| ESE                     | • 1         | 1.1         | 1.0    | 1.1     | • 1     |          |             |             |             |         |             | 3.4     | 3.7                   |
| SE                      | . 4         | • •         | 1.3    | . 7     |         |          |             |             | I           |         |             | 2.3     | 7.6                   |
| SSE                     | 1.7         | 1.6         | . 4    | • 2     |         |          |             |             |             |         |             | 3.9     | 4.5                   |
| 5                       | 1.6         | .2.0        | 1.1    | • 3     |         |          |             |             |             |         |             | 5.0     | 5.4                   |
| SSW                     | 1.6         | . 8         | 1.1    | . 4     | • 1     |          |             |             |             |         |             | 4.0     | 6.3                   |
| SW                      | 1.0         | 2.0         | 1.6    | . 9     | • 2     |          |             |             |             |         |             | 5 . 7   | 7.1                   |
| wsw                     | . 7         | 2.1         | 1.9    | • 6     |         |          |             |             |             |         |             | 5 • 2   | 6.4                   |
| w                       | 2.9         | 2.2         | 1.3    | . 4     |         |          |             |             |             |         |             | 6.9     | 2 • 2                 |
| WNW                     | 1.1         | 1.1         | • 8    | . 0     |         |          |             |             |             |         |             | 3.9     | 6.9                   |
| NW                      | • 1         | 1.4         | 2.1    | 1.3     | • 3     | • 1      | • 2         |             |             |         |             | 5.7     | 10.6                  |
| NNW                     |             | . 4         | 2.2    | 3.1     | ,7      | • 2      |             |             |             |         |             | t.7     | 12.0                  |
| VARBL                   | • 2         |             |        |         |         |          |             |             |             |         |             | • 2     | 2.5                   |
| CALM                    | $\geq \leq$ | $\geq \leq$ | >>     | ><      | >>      | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |         | $\geq \leq$ | ₹., • 4 |                       |
|                         | 12.6        | 20.6        | 20.9   | 13.3    | 1.6     | . 4      | .2          |             |             |         |             | 100.5   | 5.3                   |

TOTAL NUMBER OF OBSERVATIONS 955

HOMAL CETHATOLOGY FRANCH C1 Weltan 27 Fathin Service/Mac

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 - 1   | EAUES AT AZ  | 71-80       |       | ς <sub>ξ.</sub>             |
|---------|--------------|-------------|-------|-----------------------------|
| STATION | STATION NAME |             | YEARS | MONTH                       |
|         |              | ALL REATHER |       | , 25F <b>-11</b> F <u>C</u> |
|         |              | CLASS       |       | HOURS (L.S.T.)              |
|         |              |             |       |                             |
|         |              | CONDITION   |       |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10 | 11 - 16     | 17 - 21  | 22 - 27     | 20 - 33  | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|--------|-------------|----------|-------------|----------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N                       | • ?         | 1.9   | 3.7    | 1.4         |          |             |          |             |             |             |             | 7.9   | . მ                   |
| NNE                     | . 4         | ۰٥    | 1.8    | • 3         |          |             |          |             |             |             |             | 3.4   | 7.                    |
| NE                      | • 8         | • a   | 2.3    |             |          |             |          |             | [           |             |             | 3.3   | ٠, ٠                  |
| ENE                     | ٠,          | 1.4   | 1.3    | • 6         |          |             |          |             |             |             |             | 3.7   | 7,                    |
| E                       | . ?         | 2.3   | 4.1    | 1.9         | • 1      |             |          |             |             |             |             | 5.5   |                       |
| ESE                     | • 6         | • 6   | 1.1    | 1.0         | . 6      |             |          |             | I           |             | i           | 3.    | 9.5                   |
| ŠE                      | . 4         | 1.2   | 2.3    | 1.8         |          |             |          |             |             |             |             | 5 • € | : • :                 |
| SSE                     | . 9         | 1.1   | 2.1    | . 4         |          |             |          |             | L           |             |             | 4.4   | 5.5                   |
| 5                       | • 7         | 1.7   | 1.8    | ٩           |          |             |          |             |             |             |             | 4 . 5 | 7.4                   |
| ssw                     | • "         | 1.4   | 2.2    | • 3         |          |             | <u> </u> |             | l           |             |             | 4     | 7.0                   |
| sw                      | ٥.          | 2.3   | 3.8    | 1.2         | • 2      | • 1         |          |             |             |             |             | 3 • 2 | ₹                     |
| wsw                     | • 1         | 1.6   | 2.6    | 1.0         | • 1      |             |          |             |             |             |             | 3 - 3 | €•€                   |
| w                       | • (         | . 4   | . 7    | . 8         |          |             |          |             |             | <u> </u>    |             | 2.4   | 3.5                   |
| WNW                     | • 7         | • 0   | 2.2    | . 6         |          |             |          |             | İ           | l           |             | 4.5   | 7.4                   |
| NW                      | . 7         | 2.4   | 4.3    | 2.7         | • 8      | .4          | .1       |             |             |             |             | 11.7  | 16.0                  |
| NHW                     | 1.7         | 2.2   | 3.     | 3.6         | . 7      | - 3         | <u></u>  |             |             |             |             | 13.4  | 16.5                  |
| VARBL                   |             |       | • 1    |             |          |             | L        |             |             |             |             | • 1   | ნ • (                 |
| CALM                    | $\geq \leq$ | ><    | ><     | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ち・ひ   |                       |
|                         | 7,5         | 23.2  | 30.4   | 18.3        | 2.4      | • 9         | . 1      |             | ļ           |             |             | 113.0 | 3.5                   |

|          |    |    | i  | 13.9  | 16.5        |
|----------|----|----|----|-------|-------------|
|          |    |    |    | • 1   | 5.          |
| <u> </u> | >> | >< | >< | 3 • ₹ |             |
|          |    |    |    | 113.0 | <b>3.</b> C |
|          |    |    |    |       |             |

OLIFAL CLIMATOLOUY BRANCH COLPETAC AL FATHER SERVICE/MAC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

| 1 * 2 1 | LAUES AB AZ  |             |       | . [ 6          |
|---------|--------------|-------------|-------|----------------|
| STATION | STATION NAME |             | YEARS | MONTH          |
|         |              | ALL MEATHER |       | 1259-1498      |
|         |              | CLASS       |       | HOURS (L.S.T.) |

SPEED (KNTS) MEAN WIND SPEED 1 - 3 11 - 16 17 - 21 22 - 27 28 - 33 ≥56 7 - 10 41 - 47 2.1 7.8 4.0 . 0 e . 2 •1 4.4 2.9 6.8 NNE 2.1 . 3 1.7 2.2 4.3 7.5 NE • 1 7.e 5.2 ENE 1.0 • 3 5.2 7.1 13.7 2.1 5.€ 2.5 ESE 1.7 2.2 • 1 4.4 10.5 • 1 £.7 5.3 1.2 1.9 SE . 6 1.6 5.5 SSE 1.7 2.A 1.0 4.9 • 3 \$ 1.0 1.7 3.2 7.7 5.2 1.1 2.7 . 6 4.3 SSW 5.9 1,7 4.6 7.2 . 8 1.3 3.3 1.3 6 6 3 9.1 WSW 2.7 •1 • 6 1.7 •€ . 4 10.1 3.3 1.3 1.3 10.6 WNW 1.7 3.6 • 3 11.2 4.2 12.2 11.1 • 6 1.4 4.3 1.6 • 1 7.0 VARBL 3.7 100.0 9.0

7 22.2 46.2 22.3 4.1 .4 TOTAL NUMBER OF OBSERVATIONS 930

CLUPAL CLIMATOLOGY BRANCH CHIPTIAC ATHIRTHER SERVICEZMAC

PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AS AS  | 71-80       |       | SEP               |
|---------|--------------|-------------|-------|-------------------|
| STATION | STATION NAME |             | YEARS | MONTH             |
|         |              | ALL MEATHER |       | <u> 1900-1706</u> |
|         |              | CLASS       |       | HOURS (L.S.T.)    |
|         |              |             |       |                   |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 17 - 16 | 17 - 21  | 22 · 27  | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|----------|----------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N                       | • 3   | 2.2   | 3.1    | 1.2     |          | +        |             |             |             |             |             | 5.3   | 7.9                   |
| NNE                     | . 7   | 2.2   | • 9    | • 1     |          |          |             |             |             |             |             | 3.9   | 5.4                   |
| NE                      | . 7   | 2.0   | 3.6    | • 3     |          |          |             |             |             |             |             | 4.6   | 6.                    |
| ENE                     | • 3   | 2.0   | 1.0    | • 3     |          |          |             |             |             |             |             | 5.0   | 6.5                   |
| E                       | • ≎   | 2.4   | 3.6    | 2.8     | • ?      | • 1      |             |             |             |             |             | 10.0  | 6.7                   |
| ESE                     | • 1   | • 6   | 2.8    | 1.2     | - 3      |          |             |             |             |             |             | 5.0   | ري<br>دي              |
| SE                      | •     | 1.1   | 2.0    | .0      |          |          |             |             |             |             |             | 4.2   | 5.1                   |
| SSE                     | •6    | 1.4   | 3.9    | • 7     |          |          |             |             |             | _           |             | 0.6   | 7.4                   |
| S                       | • 3   | 1.9   | 1.9    | • 3     |          |          |             |             |             |             |             | 4.4   | 7.3                   |
| SSW                     | • 1   | 1.7   | 3.0    |         |          |          |             |             |             |             |             | 4 • 1 | 7.4                   |
| sw                      |       | 1.6   | 3.8    | 1.0     | • 6      | •        |             |             |             |             |             | 7.1   | 10.0                  |
| W\$W                    | • 1   | • 9   | 1.8    | • 3     | • 1      |          | _           |             |             |             |             | 3.2   | 3<br>3                |
| w                       | • 4   | •     | 1.7    | • 2     |          |          |             |             |             | _           |             | 2.5   | 7.4                   |
| WNW                     |       | •6    | 1.8    | 1.2     | • 1      |          |             |             |             |             |             | 3.7   | 10.2                  |
| NW                      | . 4   | 2.2   | 4.7    | 3.7     | 1.7      | • 2      |             |             |             | [           |             | 12.2  | 16.4                  |
| NNW                     | . 3   | 2.2   | 4.1    | 5.1     | 1.0      |          |             |             |             |             |             | 12.3  | 10.8                  |
| VARBL                   | • 3   | • 1   | , 2    |         |          |          |             |             |             |             |             | . 7   | 4.3                   |
| CALM                    | ><    | ><    | ><     | ><      | $>\!\!<$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | . 9   |                       |
|                         | 6.3   | 24.9  | 44.6   | 19.4    | 3.3      | .6       |             |             |             |             |             | 150.0 | 5.6                   |

TOTAL NUMBER OF OBSERVATIONS 900

GLIGAL CLIMATOLOGY BRANCH : CITAC AT WEATHER SERMICEZMAC

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 21 1  | LAJES AR AZ  | 71-83       |             | SEP            |
|---------|--------------|-------------|-------------|----------------|
| STATION | STATION NAME |             | YEARS       | MONTH          |
|         |              | ALL HEATHER |             | 1900-2000      |
|         |              | CLASS       |             | HOURS (L.S.T.) |
|         |              | CONDITION   | <del></del> |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47 | 44 - 55           | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|----------|--------|---------|---------|----------|---------|---------|---------|-------------------|-----|-------|-----------------------|
| N                       | 1.0        | 1.6      | 2.2    | • 6     |         |          |         |         |         |                   |     | - 3   | 5.7                   |
| NNE                     | • 4        | 1.5      | 1.7    |         |         |          |         |         |         |                   |     | 3.7   | 6.4                   |
| NE                      | • 2        | 1.0      | 1.3    | • 1     |         |          |         | I       |         |                   |     | 3.5   | 6.3                   |
| ENE                     | • 3        | • 9      | 1.3    | • 2     |         |          |         |         |         |                   |     | 2.9   | 6.0                   |
| E                       | . 7        | 1.7      | 2.2    | 2.2     | • 1     | • 1      |         |         |         |                   |     | 7.3   | 9.0                   |
| ESE                     | • 1        | 2.0      | 2.0    | . 7     | • 3     | _•?      |         |         |         |                   |     | 5.3   | 5                     |
| SE                      | 1.         | 1.3      | 1.1    | • 3     |         |          |         |         |         |                   |     | 3.3   | 5.8                   |
| \$SE                    | 1.9        | 3.1      | 1.9    |         |         |          |         |         | I       |                   |     | 0.3   | 5.1                   |
| 5                       | Z•:        | 2.3      | 1.6    | . 6     |         |          |         |         |         |                   |     | 6.4   | ა. მ                  |
| SSW                     | • 0        | 2.1      | • 6    | • 3     |         |          |         |         |         |                   |     | 3.9   | 5.8                   |
| sw                      | .6         | 1.3      | 2.1    | 1.0     | _ 3     | •1       |         |         |         |                   |     | 5.4   | 6.9                   |
| wsw                     | 1.0        | 1.7      | 1.3    |         |         |          |         |         |         |                   |     | 3.7   | 5.3                   |
| w                       | 1.0        | 1.7      | . 4    | • 1     |         |          |         |         |         |                   |     | 4.1   | 4.2                   |
| WNW                     | 1.4        | 3.3      | 1.9    | • 8     |         | • 1      |         |         |         |                   |     | 7.5   | 6.5                   |
| NW                      | 1.7        | 2.9      | 3.1    | 1.7     | , 7     | • 2      |         |         |         |                   |     | 10.1  | ٤ • 3                 |
| NNW                     | •6         | , t      | 2.4    | 3.6     | .6      | • 1      |         |         |         |                   |     | 7.6   | 11.5                  |
| VARBL                   | • 2        | • 1      | • 2    |         |         |          |         |         | I       |                   |     | • 5   | 5.0                   |
| CALM                    | $\searrow$ | $>\!\!<$ | > <    | >>      | >>      | $\times$ | ><      | ><      |         | $\supset \subset$ | > < | 12.3  |                       |
|                         | 16.1       | 29.9     | 26.7   | 12.1    | 2.0     | • 9      |         |         |         |                   |     | 130.5 | 6 • 3                 |

|           |            |             | 100.5 | 6 • 3        |
|-----------|------------|-------------|-------|--------------|
| TOTAL NUM | MER OF OBS | ERVATIONS . |       | 9 <b>0</b> 0 |

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GL PAL CLIMATOLOGY BRANCH CAMETAC AL WEATHER SERVICIZMAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAUES AR AZ  | 71-80       | SEF            |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL REATHER | 2108-2309      |
|         | <del></del>  | CLASS       | HOURS (L.S.T.) |
|         |              |             |                |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6 | 7 - 10 | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33 | 34 - 40     | 41 - 47     | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------|--------|-------------|-------------|-------------|---------|-------------|-------------|-------------|-----|-------|-----------------------|
| N                       | • 3               | 1.2   | 1.7    | • 9         | • 2         |             |         |             |             |             |     | 4.9   | <b>₺</b> • I          |
| NNE                     | • 1               | 2.7   | • 9    |             | • 1         |             |         |             |             |             |     | 3.3   | 5.3                   |
| NE                      | • 3               | • ?   | . 4    | . 3         |             |             |         |             |             |             |     | 1.9   | 6 • t                 |
| ENE                     | . 4               | . 4   | • 7    | •2          |             |             |         |             |             |             |     | 1.9   | 6.9                   |
| ŧ                       | • ?               | 1.3   | 1.7    | 2.0         | • 3         | •1          |         |             |             |             |     | 5.7   | 13.1                  |
| ESE                     | . 3               | 1.3   | 1.0    | . 7         |             | •2          |         |             |             |             |     | 3.€   | 8.3                   |
| SE                      | • 2               | 1.1   | 1.3    | .7          |             |             |         |             |             |             |     | 3.3   | 7.5                   |
| SSE                     | 1.7               | 2.4   | • 7    | • 3         |             |             |         |             |             |             |     | 3.3   | 4.7                   |
| \$                      | 1.9               | 2.3   | 1.7    | . 4         | • 1         |             |         |             |             |             |     | U • 4 | 6.0                   |
| SSW                     | 1.1               | 1.0   | • 8    | .9          | • 1         |             |         |             |             |             |     | 3.9   | 7.5                   |
| SW                      | • 9               | 1.9   | 1.3    | . 4         |             |             |         |             |             |             |     | 4.5   | 6.6                   |
| wsw                     | 1.2               | 1.4   | 1.2    | . 4         |             |             |         |             |             |             |     | 4 . 3 | 5.9                   |
| w                       | 1.0               | 1.6   |        |             |             |             |         |             |             |             |     | 3.4   | 3.5                   |
| WNW                     | 1.3               | 1.8   | 1.4    |             |             |             |         |             |             |             |     | 4.6   | 5 • 2                 |
| NW                      | 1.2               | 1.4   | 1.1    | 1.9         | •6          | •2          |         | I           |             |             |     | 6.4   | 9.3                   |
| NNW                     | • 2               | • 8   | 1.2    | 2.7         | ò           |             |         |             |             |             |     | 5.3   | 11.5                  |
| VARSL                   | • 2               | • 1   | • 1    |             |             |             |         |             |             |             |     | • 4   | 4.0                   |
| CALM                    | $\supset \subset$ | > <   | > <    | $\supset <$ | $\supset <$ | $\supset <$ | ><      | $\supset <$ | $\supset <$ | $\supset <$ | ><  | 70.0  |                       |
|                         | 14.3              | 23.7  | 17.2   | 11.9        | 2.3         | .6          |         | <u> </u>    |             |             |     | 120.0 | 5.1                   |

TOTAL NUMBER OF ORSERVATIONS 900

GLICPAL CLIMATOLOGY BRANCH LIBERTAC AIR MEATHER SERVICE/MAC

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 21 1  | LAJES AP AZ  | 71-8C       | SEF            |
|---------|--------------|-------------|----------------|
| STATION | STATION NAME | YEARS       | MONTH          |
|         |              | ALL WEATHER | ALL            |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10 | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40  | 41 - 47  | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|--------|----------|----------|----------|----------|----------|----------|---------|-----|-------|-----------------------|
| N                       | •5          | 1.7   | 2.7    | • 9      | • 0      | •0       |          |          | İ        |         |     | 5.3   | 7.2                   |
| NNE                     | • 3         | 1.7   | 1.2    | • 2      | • 0      | •0       |          |          |          |         |     | 3.5   | 0.6                   |
| NE                      | • 7         | 1.3   | 1.7    | • 2      |          |          | I        |          |          |         |     | 3.4   | 6.8                   |
| ENE                     | • 4         | 1.1   | 1.3    | • 3      |          |          |          |          |          |         |     | 3.1   | 6.5                   |
| E                       | • 5         | 1.5   | 2.5    | 2.0      | • 2      | •1       |          |          |          |         |     | 6.7   | 9.5                   |
| ESE                     | • 2         | • 9   | 1.4    | 1.0      | • 2      | • 1      |          |          |          |         |     | 3.0   | 9.3                   |
| SE                      | •6          | 1.1   | 1.5    | 1.0      | • 0      |          |          |          |          |         |     | 4.2   | 7.7                   |
| SSE                     | 1.2         | 1.7   | 1.7    | . 3      |          |          |          |          |          |         |     | 5.3   | 0.1                   |
| \$                      | 1.2         | 1.9   | 1.6    | • 5      | • 1      |          |          |          |          |         |     | 5.1   | 5.4                   |
| SSW                     | •           | 1.1   | 1.5    | . 4      | • 1      |          |          |          |          |         |     | 3.3   | 7.1                   |
| SW                      | • 7         | 1.8   | 2.6    | . 8      | • 2      | • 1      |          |          |          |         |     | ٤.2   | 0.1                   |
| wsw                     | • 6         | 1.6   | 1.7    | • 6      | •0       |          |          |          |          |         |     | 4.7   | 7.1                   |
| w                       | 1.7         | 1.4   | • 8    | • 3      | • 1      |          |          |          |          |         |     | 4.2   | 5.5                   |
| WNW                     | • 3         | 1.3   | 1.4    | .7       | • 0      | •0       |          |          |          |         |     | 4.4   | 7.1                   |
| NW                      | .7          | 1.8   | 2.8    | 2.4      | • 6      | •2       | • 1      |          |          |         |     | £.7   | 10.0                  |
| NNW                     | • 3         | 1.7   | 2.6    | 3.4      | • 7      | • 1      |          |          |          |         |     | 0.1   | 11.0                  |
| VARBL                   |             | • 1   | • 1    | • 17     |          |          |          | ]        | <u> </u> | 1       | 1   | .4    | 4.7                   |
| CALM                    | $\supset <$ | > <   | > <    | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\geq <$ | $\geq$  |     | 18.6  |                       |
|                         | 11.3        | 23.0  | 29.2   | 15.0     | 2.3      | .6       | • 1      |          |          |         |     | 170.0 | 6.5                   |

| TOTAL | NUMBER | Of | OBSERVATIONS | 7200 |
|-------|--------|----|--------------|------|
|       |        |    |              |      |

AL CLIMATOLOUR BRANCH TA TAT EN SERVICERMAN

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| !       | A            | "1+8]      |             |                |
|---------|--------------|------------|-------------|----------------|
| STATION | STATION NAME |            | YEARS       | MONTH          |
|         |              | ALL EAT E  |             | 01n=1200       |
|         |              | CLASS      | <del></del> | HOURS (L.S.T.) |
|         |              | COMPLETION |             |                |

| SPEED<br>(KNTS)<br>DIR, | 1.3  | 4 - 6 | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27  | 20 - 33  | 34 - 40     | 41 - 47  | 40 - 55           | ≥56      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|------|-------|----------|----------|----------|----------|----------|-------------|----------|-------------------|----------|-------|-----------------------|
| N                       |      | 1.7   | 3.4      | 1.6      | • 8      |          |          |             | <u> </u> |                   |          |       | • •                   |
| NNE                     | •    | , S   | . 4      | • 0      | • 1      |          |          |             |          |                   |          | • 2   | • 5                   |
| NE                      | . 1  | •     | 1.       | • 3      |          |          |          |             |          |                   |          | . •   | ð.                    |
| ENE                     | •    | 1.1   | 1.1      | . 4      | • 5      |          |          |             |          |                   |          | 3.4   | t                     |
| E                       | • 1  | •     | . 9      | • 2      | • 3      |          |          |             |          |                   |          | 7.3   | 5.00                  |
| ESE                     | • 2  | •     | 1.1      | . 5      | • 1      |          |          |             |          |                   |          |       | 5.                    |
| SE                      |      | 1.    | 1.3      | 1.1      | • 1      |          |          |             | 1        |                   |          | -4    | 7.9                   |
| SSE                     |      | 3.1   | 1.4      | . 4      |          |          |          |             |          |                   |          | .6    | . • 5                 |
| 5                       | •    | 2.4   | . €      | 1.4      | • 2      | .7       |          |             | 1        |                   |          | ь.    | 7.1                   |
| 55W                     | • 2  | 1.3   | 1.2      | 1.2      | . 4      |          |          |             |          |                   |          | ~ .   | 7: • 4                |
| sw                      | 1.   | 1.5   | 1.2      | 1.2      |          |          |          |             |          |                   |          | • •   | 7.:                   |
| W5W                     |      | 1.    | 1.6      | • 5      | • 1      |          |          |             |          |                   |          | •     | 7.3                   |
| w                       |      | 1.6   | . 4      | . 4      | • 1      |          |          |             |          |                   |          | 4.    | • 5                   |
| WNW                     |      | 1.7   | 2.6      | 1.5      | •6       |          |          |             |          |                   |          | •     | • 3                   |
| NW                      | 1 •  | 1.1   | • 0      | • 1      | • 6      |          |          |             |          |                   |          | • .   | 1 .                   |
| NNW                     | • •  |       | 2.5      | 4.0      | 1.0      | . 4      |          |             |          |                   |          | • 0   | 12.                   |
| VARBL                   | •    |       |          |          |          |          |          |             |          |                   |          | •     | 2.5                   |
| CALM                    |      | > <   | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\geq \leq$ |          | $\supset \subset$ | $>\!\!<$ | • ,   |                       |
|                         | 1 .5 | 21.0  | 22.6     | 18.8     | 5.1      | •6       |          |             |          |                   |          | 1 6.3 | 6.                    |

TOTAL NUMBER OF OBSERVATIONS

LE TAE CLIMATOLOGY RPANCH TO STAC EATHER SE-VILLYMAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | A A          | / · = 0 ., |       |                               |
|---------|--------------|------------|-------|-------------------------------|
| STATION | STATION NAME |            | YEARS | MONTH                         |
|         |              | ALL ERTHE  |       | u (Ja <b>-</b> n <b>Ja</b> a) |
|         |              | CLASS      |       | HOURS (L.S.T.)                |
|         |              | CONDITION  |       |                               |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10 | 11 - 16        | 17 - 21           | 22 - 27  | 28 - 33 | 34 - 40     | 41 - 47     | 48 · 55     | ≥56         | *      | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|--------|----------------|-------------------|----------|---------|-------------|-------------|-------------|-------------|--------|-----------------------|
| N                       | •        | 2.       | ,      | 2.             | •                 | • ~      |         |             |             |             |             | • -    | 4.                    |
| NNE                     |          | 1 •      | •      | • €            | • 1               |          |         |             |             |             |             | 2.5    | • 5                   |
| NE                      |          | •.7      | • ?    | . 3            |                   |          |         |             |             |             |             | • 1    | 11.2                  |
| ENE                     | •        | 1.1      | 1.     | • 3            | . 4               |          |         |             | _           | !           |             | •      | • 4                   |
| E                       |          | ا ذ و    | • 4    | • 1            | • 3               |          |         |             |             |             |             | . •    | <b>9 •</b> 5          |
| ESE                     |          | 1.1      | •      | • <sup>5</sup> |                   |          |         |             |             |             |             |        | •                     |
| SE                      | • •      | 1.       | 1.6    | . 9            | • 1               |          |         |             |             |             |             | • :    | 7.                    |
| 358                     | •        | 3 • 3    | 1.2    | ٤.             | • 1               |          |         |             |             |             |             | •      | 5                     |
| 5                       | 1.       | 1.7      | 1.2    | 1.1            | • 1               |          |         |             |             |             |             | ن ب• ن | •                     |
| SSW                     | •        | 1.1      | •      | 1.4            | • 3               |          |         |             |             |             |             | 4.4    | • 2                   |
| sw                      |          | 1.7      | 1.5    | 1.3            | • 3               | • 1      |         |             |             |             |             | 5.     | 9.9                   |
| W\$W                    |          | 1.       | • 7    | • 1            |                   |          |         |             |             |             |             | 3      |                       |
| <b>w</b>                | 1.       | 2.2      | 1.5    | . 4            |                   |          |         |             |             |             |             | 5.     |                       |
| WNW                     | •        | 1.3      | 1.3    | 1.4            | 6                 | . 4      |         |             |             |             |             | . 4    | 11.1                  |
| NW                      |          | 1.3      | 2.5    | 2.7            | . 4               | • 1      |         |             |             |             |             |        | 1 .2                  |
| NHW                     | . 1      | •        | 2•6    | 3.7            | 1.1               | _ • 2    |         |             |             |             |             | •      | 12.3                  |
| VARBL                   |          |          |        |                |                   |          |         |             |             |             |             |        |                       |
| CALM                    | $\times$ | $>\!\!<$ | > <    | >>             | $\supset \subset$ | $>\!\!<$ | ><      | $\boxtimes$ | $\supset <$ | $\supset <$ | $\supset <$ | 2      |                       |
|                         | 11.      | 22.4     | 21.3   | 17.5           | 5.4               | 1.1      |         |             |             |             |             | .60.0  | 6.                    |

| TOTAL | NUMBER | OF | OBSERVATIONS | . 7 |
|-------|--------|----|--------------|-----|

AF CLEMATOLUG TRA CH STAT A CAT TH SEMMED MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | LAST A A     | ) <b>-</b> 8 . j |       |                 |
|---------|--------------|------------------|-------|-----------------|
| STATION | STATION NAME |                  | YEARS | MONTH           |
|         |              | ALL GAT L        |       | .^ <b>-</b> å€. |
|         |              | CLASS            |       | HOURS (L.B.T.)  |
|         |              |                  |       |                 |
|         |              | COMPLETON        |       |                 |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10            | 11 - 16           | 17 - 21  | 22 · 27  | 28 - 33 | 34 - 40     | 41 - 47 | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|-------------------|-------------------|----------|----------|---------|-------------|---------|-------------|-----|-------|-----------------------|
| N                       |             | 1.2      | 4.1               | 2.                | • 1      |          |         |             |         |             |     | • 1   | • 7                   |
| NNE                     |             | •        | • 1               | 1.3               |          |          |         |             |         |             |     | •     | 1.6                   |
| NE                      | 3           | •        | • 4               | • 2               | ÷ (      | • 1      |         | I           | L       | T           |     |       | • 9                   |
| ENE                     | • 1         | •        | ۶.                | •6                | • 1      | • ?      |         |             |         |             |     |       | 1 . 3                 |
| E                       | • 1         | •        | • 5               | • 1               | • 7      |          |         |             |         |             |     | . • 6 | • 3                   |
| ESE                     |             | 1.1      | • 5               | . Al              |          |          |         |             |         | 1           |     |       | 7.                    |
| SE                      |             | 1.3      | 1.4               | .6                | • 1      |          |         |             |         |             |     | •     | 7.                    |
| SSE                     | 1.4         | 2.       | 1.7               | . 3               | • 1      | • 1      | i       |             |         |             | 1   | • 5   | •                     |
| 5                       | • 3         | 2.4      | 1.                | 1.7               | • 1      |          |         |             |         |             |     | . 4   | `•                    |
| SSW                     | •           | •        | • 9               | • 5               | . 7      | • 1      |         |             |         |             |     | ڌ .   | . 4                   |
| SW                      |             | 1.0      | 1.6               | 1.1               | • 5      | • 1      | • 1     |             |         |             |     | ••    | 1 . 3                 |
| WSW                     | 1.2         | •        | . 6               | .6                |          |          | • :     |             |         |             |     |       | •                     |
| w                       | 2.          | ₹.       | 2.5               | • 5               |          |          |         |             |         |             |     |       |                       |
| WNW                     | 1.3         | 1.       | 2.4               | 1.0               | •        | • 2      |         |             |         |             |     |       | . 4                   |
| NW                      | •           | 1.3      | 2.8               | 2.2               | • 2      | •2       |         |             |         | L           |     | t. •  | 1 •                   |
| NNW                     | •           | 1.3      | 2.2               | 2.                | 1.8      | ۶        |         |             |         | I           |     | ا ر   | 1                     |
| VAROL                   | •           |          |                   |                   |          |          |         |             |         |             |     |       | 2.0                   |
| CALM                    | $\boxtimes$ | $>\!\!<$ | $\supset \subset$ | $\supset \subset$ | $\times$ | $\times$ | ><      | $\supset <$ |         | $\supset <$ | ><  | J     |                       |
|                         | 12.         | 20.1     | 23.2              | 17.2              | 4,7      | 1.0      | • 2     |             |         |             |     | 1 3.3 | ٠,                    |

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY RPANCH
LITAG

FRINGE SERVICENHAC PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 .   | JC - A - 42  | 7 E.      |       | •              |
|---------|--------------|-----------|-------|----------------|
| STATION | STATION NAME |           | YEARS | MONTH          |
|         | A            | LL EATHL  |       | 0.7-1450       |
|         |              | CLASS     |       | HOURS (L.S.T.) |
|         |              | CONDITION |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1.3 | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55     | ≥54 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-----|----------|----------|----------|----------|----------|----------|-------------|-------------|-------------|-----|-------|-----------------------|
| N                       |     | 1.       | 3.4      | 1.7      | • (      |          |          |             |             |             |     |       | 1 3                   |
| NNE                     |     | • 3      | •.       | • 5      |          |          |          |             |             |             |     | 2 •   | ٠.                    |
| NE                      |     | 1.1      | 1.3      | • 3      |          |          |          |             |             |             |     | • .   | •                     |
| ENE                     |     | 1.1      | •        | 1.6      | • 4      |          |          |             |             |             |     | 4.5   | • 3                   |
| E                       |     | 1.       | 1.1      | • 4      | • 3      |          |          |             |             |             |     | 3.2   | 4                     |
| ESE                     |     | 1.       | 1.5      | 1.0      |          |          |          |             |             | Ī           |     | ز ٠٠٠ | 7 • 8                 |
| SE                      |     | 1.       | 2.6      | 1.1      |          |          |          |             |             |             |     | . 5   | 0.                    |
| SSE                     | 1 • | 2.4      | 2.6      | ٩.       |          |          |          |             |             |             |     | • 1   | • 7                   |
| 5                       | . 1 | 2.       | 1.3      | 1.1      | • 6      | • 1      |          |             |             |             |     | •     | 9 • 4                 |
| SSW                     | . 1 | 1.3      | 1.0      | 1.       | • 5      | • 1      |          |             |             |             |     | 4.    | •                     |
| SW                      | - 3 | •        | 1.6      | 1.2      | • 5      |          |          |             |             |             |     | . 4   | 1 .2                  |
| WSW                     | •   | 1.5      | 1.7      | . 6      |          |          |          |             |             |             |     | . 4   | 7.8                   |
| w                       | •   | 1.       | 1.2      | 1.1      |          |          |          |             |             |             | I   | • 5   | 7.                    |
| WNW                     |     | 2.       | 1.5      | 3.5      | 1.       | • 1      |          |             |             |             |     | •     | 1 .                   |
| NW                      | • 1 | 1.5      | 3.3      | 2.6      | 2 و      | • 1      |          |             |             | I           | I   | • .   | 7 • 5                 |
| NNW                     |     | 1.4      | 2.7      | 4.3      | 1.6      | • 9      |          |             |             |             |     | 11.   | 1 '•                  |
| VAROL                   |     | • 1      | • 1      |          |          |          |          |             |             |             |     | •     | 5.3                   |
| CALM                    |     | $>\!\!<$ | $>\!\!<$ | $\times$ | $>\!\!<$ | $>\!\!<$ | $\times$ | $>\!\!<$    | $\supset <$ | $\supset <$ | ><  | . 7   |                       |
|                         | :0. | 23.1     | 29.2     | 23.0     | 6.5      | 1.5      | . 3      | <del></del> |             |             |     | 1 0.4 | . 7                   |

TOTAL NUMBER OF OBSERVATIONS

AL CLIMITOLOGY INATION LITED EAT IN SERVICE (MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | <u> </u>     | 11 <del>-8</del> 1 |       |                |
|---------|--------------|--------------------|-------|----------------|
| STATION | STATION NAME |                    | YEARS | MONTH          |
|         |              | ILL CATIC          |       | 1 40-1400      |
|         |              | CLASS              |       | HOURS (L.S.T.) |
|         |              | CONDITION          |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16    | 17 - 21  | 22 - 27     | 28 - 33  | 34 - 40  | 41 - 47  | 48 - 55  | ≥56   | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|------------|----------|-------------|----------|----------|----------|----------|-------|-------|-----------------------|
| 2                       |       | 1.2   | 4.5    | 1.7        | ٥        | • ;         |          |          |          |          |       |       | 9.5                   |
| NNE                     | • 1   | •     | . 4    | •6         | 1        |             |          |          |          | T        |       | •     | •                     |
| NE                      |       | 1.3   | 1.0    | 8.         |          |             |          |          |          |          |       | 3.    | 7.1                   |
| ENE                     |       | 1.1   | 1.5    | 1.2        | • !      |             |          |          |          |          |       | 4.    | 5.3                   |
| E                       |       | 2.    | 1.7    | • 8        | • 4      |             |          |          |          |          |       | . 5   | 2.1                   |
| ESE                     | • 1   | •     | 3.2    | 1.1        |          |             |          |          |          |          | Ī ——— | 4.    | ٠،                    |
| SE                      |       | 2.    | 3.1    | • c        |          |             |          |          |          |          |       |       | 7.                    |
| SSE                     | •     | 1.    | 3.5    | <u>.</u> 6 | • 1      |             |          |          |          |          |       | • .   | 5.2                   |
| 5                       | •     | 2.    | 1.4    | 1.1        | • 2      |             |          |          |          |          |       | 5 • 1 | 6.2                   |
| SSW                     |       | 1.3   | 1.3    | 1.3        | _ 5      | • 2         |          |          |          |          |       | ٠.    | 13.7                  |
| sw                      | . 1   | 1.    | 1.9    | 1.1        | - 5      |             | • .      |          |          |          | i ——— | . 6   | •                     |
| W\$W                    |       | 1.    | 1.7    | • 3        | . 2      |             |          |          |          |          |       | 3.5   | •                     |
| w                       | •     | • •,  | 1.6    | 1.2        | • 1      |             |          |          |          |          |       | . •   | 7.                    |
| WNW                     | . 3   |       | 5.4    | 2.3        | 1.5      |             |          |          |          |          |       |       | 11.7                  |
| NW                      |       | 1.    | 4.9    | 5.2        | 1.1      | • 1         |          |          |          |          |       | 1 .2  | 11.                   |
| NHW                     | •     | 1.    | 2.     | 4.7        | 1.4      | • €         | • 3      |          |          |          |       | 11.   | 12.6                  |
| VARBL                   | • '   | • 2   | . 3    |            |          |             |          |          |          |          |       |       | 6.                    |
| CALM                    | ><    | > <   | > <    | $>\!\!<$   | $>\!\!<$ | $\geq \leq$ | $\times$ | $\times$ | $\times$ | $\times$ | > <   | •     |                       |
|                         |       | 22.7  | 37.1   | 24.5       | 7.3      | 1.6         | - 3      |          |          |          |       | i U.C | 7                     |

TOTAL NUMBER OF OBSERVATIONS

L RE CETMATOLOGY BRANCH FLTAC FLTATOTA SERVICE/MAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| . 2 1   | water Ar A   | 7 -å.      |       | •              |
|---------|--------------|------------|-------|----------------|
| STATION | STATION NAME |            | YEARS | MONTH          |
|         |              | ALL EATHER |       | : n=1700       |
|         |              | CLASS      |       | HOURS (L.S.T.) |
|         |              | CONDITION  |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33  | 34 - 40  | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|----------|---------|---------|----------|----------|----------|---------|---------|-----|-------|-----------------------|
| N                       | •     | 2.4   | 2.       | 2.3     | , ï.    | • i      |          |          |         |         |     | • 4   | . 9                   |
| NNE                     | •     | 1.3   | • ;      | . 4     | • 1     |          |          |          |         |         |     |       | • 1                   |
| NE                      |       | •     | •        | . 4     | • 1     |          |          |          |         |         |     | .`•   | 7.8                   |
| ENE                     | ,     | 1.3   | 1.5      | • 9     | •       |          |          |          |         |         |     | 4.    | 7                     |
| E                       |       | 1.    | 1.2      | • 6     | . 1     |          |          |          |         |         |     | . •   | *•1                   |
| ESE                     | •     | 1.    | 1.4      | • 7     |         |          |          |          |         |         |     | • 3   | 7.1                   |
| SE                      |       | 1     | 1.2      | 1.1     |         |          |          |          |         |         |     | • .   | 7                     |
| SSE                     | • 3   | 2.    | □.2      | ٤.      |         |          |          |          |         |         |     | • :   | • 1                   |
| 5                       |       | 2.3   | 1.6      | · L     | • 4     | • 1      |          |          | 1       |         |     | ر د   | 7 . 8                 |
| SSW                     | •     | 1.7   | 1.1      | 1.      | 1.      | • 1      |          |          |         |         |     | 5.    | 9.7                   |
| sw                      |       | 2.1   | 1.4      | • 9     | •       |          |          |          |         |         |     |       | 8.7                   |
| wsw                     | •     | 1.4   | 1.6      | • 2     |         |          |          |          |         |         |     | 3.    | 6.7                   |
| w                       | •     | 1.0   | 2.2      | 1.2     | . 2     |          |          |          |         |         |     | • 5   | ಕ• '                  |
| WNW                     | • 3   | •     | 2.4      | 2.6     | 1.1     |          |          |          |         |         |     | •     | 11.2                  |
| NW                      | • 1   | 2.2   | 5.6      | 3.8     | 1.      |          |          |          |         |         |     | 13.5  | • 7                   |
| NNW                     | 1.2   | •     | 7.0      | 5 • 2   | 1.9     | • 5      | • 2      |          |         |         |     | 1 .   | 12.4                  |
| VARSL                   |       |       | •:       |         |         |          |          |          |         |         |     | • 2   | •                     |
| CALM                    | ><    | ><    | $\times$ | ><      | ><      | $>\!\!<$ | $\times$ | $\times$ |         | > <     |     | 1.    |                       |
|                         | .0.2  | 25.5  | 32.      | 22.5    | 7.1     | . 9      | 2        |          |         |         |     | 173.3 | , Ç                   |

| TOTAL | NUMBER | Of | OSSERVATIONS | , | • |
|-------|--------|----|--------------|---|---|

AL CLIMATOLOGY PRAICH (TAC (The Father Service Mac

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| . 2 .   | A A          | 'i=#7     |       | <b>~</b>            |
|---------|--------------|-----------|-------|---------------------|
| STATION | STATION NAME |           | YEARS | MONTH               |
|         |              | ALL LATES |       | 1, 33 <b>-</b> 0,00 |
|         |              | CLASS     |       | HOURS (L.S.T.)      |
|         |              |           |       |                     |
|         |              | CONDITION |       |                     |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21    | 22 - 27  | 28 - 33     | 34 - 40 | 41 - 47     | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|----------|----------|------------|----------|-------------|---------|-------------|---------|-----|-------|-----------------------|
| N                       |          | 1.7      | 2.9      | 1.9      | . 5        | 1        |             |         |             |         |     | . 7   | 9.                    |
| NNE                     | • `      | •        | 1.4      | • 2      | • 1        |          |             |         |             |         |     | •     | ~ <b>•</b>            |
| NE                      |          | 1.0      | 1.6      | • 2      |            |          |             |         |             |         |     |       | •                     |
| ENE                     |          | •        | 1.6      | • 3      | • 1        |          |             |         |             |         |     | 2.5   | • 1                   |
| E                       |          | •        | • 6      | • 1      | • 5        |          |             |         |             |         | i   |       |                       |
| ESE                     |          | 1.0      | 1.7      | • 5      |            |          |             |         |             | i       |     |       | 7.1                   |
| SE                      | •0       | 1.3      | 1.4      | . 4      |            |          |             |         |             |         | İ   | • i   | ა.4                   |
| SSE                     |          | 1.       | 1.9      | • 5      |            |          |             |         |             |         | !   | • 2   | : •                   |
| \$                      | • !      | 2.3      | • 5      | • 5      | 1.1        |          |             |         |             |         |     | •     | 7 e *                 |
| SSW                     |          | •        | 1.2      | . 4      | • 2        | • 1      |             |         |             |         |     | , .   | . 4                   |
| SW                      |          | 1.2      | 1.2      | 1.0      | . 4        | • 1      |             |         |             |         |     | 4.    | 9.                    |
| wsw                     | i.       | • 3      | . 6      | . 3      | • 1        |          |             |         |             |         |     |       | ა.6                   |
| w                       | 1.       | 1.       | 1.3      | .6       |            |          |             |         |             |         |     | 4.    | t. =                  |
| WNW                     | • 1      | 2.4      | 2.2      | 1.7      | • 3        |          |             |         |             | ,       |     | . 5   | • 2                   |
| NW                      |          | 1.       | 3.2      | 3.3      | • <u>5</u> | • 1      |             |         |             |         |     |       | 1 • 3                 |
| NNW                     | -4       | •        | 2.3      | 4.4      | 1.2        | • 5.     |             |         |             |         |     | • '   | 12.                   |
| VARBL                   |          | • 1      |          |          |            |          |             |         |             |         |     | •     | ` • '                 |
| CALM                    | $\times$ | $>\!\!<$ | $\times$ | $\times$ | $\times$   | $\times$ | $\geq \leq$ | $\geq$  | $\geq \leq$ | > <     |     | . 6   |                       |
|                         | 1 3      | 20.5     | 25.7     | 16.7     | 5.2        | 1.       |             |         |             |         |     | 1 0.3 |                       |

TÔTAL NUMBER OF OBSERVATIONS

HE HAL CLIMATOLOGY BRANCH
FLITAC
A CATST SERVICIZARC PERCENTAGE FREQUENCY OF WIND

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | LEUF A A     | / <b>!-</b> Ε_ |             |                |  |  |  |
|---------|--------------|----------------|-------------|----------------|--|--|--|
| STATION | STATION NAME | <del></del>    | YEARS       | MONTH          |  |  |  |
|         |              | ALL EATHE      |             | 153-25 5       |  |  |  |
|         |              | CLASS          | <del></del> | HOURS (L S.T.) |  |  |  |
|         | <del></del>  | CONDITION      |             |                |  |  |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16        | 17 - 21  | 22 - 27 | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|----------------|----------|---------|----------|-------------|-------------|-------------|-----|-------|-----------------------|
| N                       | •           | 2.          | 7.1         | 1.4            | • 6      | •.`     |          | 1           |             |             |     | • t:  | 7 . 4                 |
| NNE                     | • i         | •           | • 5         | . p            |          |         |          |             |             |             |     | 3     | • 5                   |
| NE                      | ·           | •           | 1.3         | • 2            |          |         |          |             |             |             |     | _ •   | • 1.                  |
| ENE                     | •           | •           | 1.6         | • 5            | , C      |         |          |             |             |             |     | • 2   | 1 • 1                 |
| E                       | •           | . 6         | • 3         | • 2            |          |         |          |             |             |             |     | 4 •   | 7, 7                  |
| ESE                     | •           | •           | 1.0         | • ?            |          |         |          |             |             |             |     | . ·   | 7.                    |
| SE                      | ?           | 1.2         | 2           | 1.7            |          |         |          |             |             |             |     | . 1   | 7.2                   |
| SSE                     | •           | 1.5         | 1.7         | . 8            |          |         |          |             |             |             |     | •     | • :                   |
| \$                      | 2.          | 6.0         | 1.1         | • <sup>c</sup> |          |         |          |             |             |             |     | • :   | 1 3                   |
| ssw                     | •           | 1.3         | •           | • 0            | • 3      | • ì     |          |             |             |             |     | •     |                       |
| SW                      | 1.          | 1 • 1       | 1.2         | • 5            | ,        |         |          |             |             |             |     | ٤.    | 7.                    |
| wsw                     |             | 1.2         | 1.          | • 3            | • 1      |         |          |             |             |             |     | . 3   | 6.                    |
| w                       |             | 2.          | 1.4         | • 3            | . 7      |         |          |             |             |             |     | ٠.    | • 2                   |
| WNW                     | <u> </u>    | 1.3         | 1.3         | 2.2            |          |         |          |             |             |             |     | • 4   | ے و                   |
| NW                      | •           | 1.          | 2.6         | 3.2            | Ę.       |         |          |             |             |             |     | . 4   | 5                     |
| NNW                     |             |             | 2.7         | 3.2            | 1.1      | 6       |          |             |             |             |     |       | 12.                   |
| VARBL                   |             |             |             |                |          |         |          |             |             |             |     | •     |                       |
| CALM                    | $\boxtimes$ | $\geq \leq$ | $\geq \leq$ | $\times$       | $\times$ | X       | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><  | 3 و د |                       |
|                         | 13.         | 19.1        | 24.2        | 16.9           | 4.5      | 1.3     |          |             |             |             |     | ن•ن ي | ن.<br>د               |

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY CHACCH CAT OF SECTION MAD

PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | . Δ . Δ ·    | 1         |                |  |  |  |
|---------|--------------|-----------|----------------|--|--|--|
| STATION | STATION NAME | YEARS     | MONTH          |  |  |  |
|         | ا ب د        |           | <b></b>        |  |  |  |
|         |              | CLASS     | HOURS (L.S.T.) |  |  |  |
|         |              |           |                |  |  |  |
|         |              | CONDITION |                |  |  |  |
|         |              | CONDITION |                |  |  |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10   | 11 - 16     | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47 | 48 - 55 | ≥56      | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|----------|-------------|----------|----------|----------|---------|---------|---------|----------|----------|-----------------------|
| N                       |       | 1.          | 3.5      | 1.7         |          | • :      |          |         |         |         |          | . 0      |                       |
| NNE                     | • "   | •           | • (4     | . 7         | • 1      |          |          |         | Ì       |         |          | 2.4      |                       |
| NE                      |       | •           | 1        | • 7         | • 1      |          |          |         |         |         |          | ٤.       | 7.                    |
| ENE                     | . 3   | •           | 1.2      | • 7         | • 3      | •        |          |         |         |         | I        | 3.1      | • •                   |
| E                       |       | •           | •        | . 7.        | • 3      |          |          |         |         |         |          | •        | 7                     |
| ESE                     |       | 1.          | 1.5      | . 6         | •        |          |          |         |         | i       |          |          |                       |
| SE                      |       | 1.          | 1.0      | • -         | •        |          |          |         |         | I       | Ī        | !•_]     | 1.                    |
| SSE                     | 1 •   | 2.4         | 2.2      | .6          | •        | • 1      |          |         |         |         |          | . 5      |                       |
| \$                      | •     | 2.2         | 1.1      | 1.          | • 4      |          |          |         |         |         | 1        | • 5      | 7.                    |
| SSW                     |       | 1.1         | 1.0      | 1.          | • 7      | • 1      |          |         |         | l       |          | <u> </u> | • 1                   |
| sw                      |       | 1.          | 1.5      | 1.0         | . 14     | • :      | •        |         |         |         | l        | •        | ن <u>،</u> ن          |
| wsw                     |       | 1.1         | 1.2      | •           | • 1      |          |          |         | 1       |         | l        |          | 4.                    |
| w                       | .2    | 1.4         | 1.6      | . 7         | • 1      |          |          |         |         |         | <u> </u> | !        |                       |
| WNW                     | • •   | 1.          | 2.3      | 2.1         | • 7      | • 1      |          | L       |         |         | l        |          | 1'.1                  |
| NW                      |       | 1.          |          | 3.3         | • 5      | • 1      |          |         |         |         | <u> </u> |          | 1                     |
| NNW                     | , ,   | •           | 2 • .    | 4 . 0       | 1.4      | • 6      | • 1      |         |         |         |          | • :      | 1                     |
| VARBL                   |       | •           | • 1      |             |          | L        |          |         |         | Ĺ       |          | •        | 4.6                   |
| CALM                    |       | $\supset <$ | $\times$ | $\supset <$ | $\times$ | $\geq <$ | $\times$ | ><      |         |         |          | 1 • .    |                       |
|                         | 11.   | 21.7        | 26.0     | 19.6        | 5.7      | 1.2      | • 1      |         |         |         |          | : ; ,    | . 7                   |

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

### AL CLIMATOLOGY BRANCH TTO EXTENSE SERVICEZMAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 1   | A A |              | *1=9      |       | <b>~</b>       |
|---------|-----|--------------|-----------|-------|----------------|
| STATION |     | STATION NAME |           | YEARS | MONTH          |
|         |     |              | ALL CATHO |       | 333-1250       |
|         | -   |              | CLASS     |       | HOURS (L.S.T.) |
|         | -   |              | CONDITION |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21    | 22 - 27  | 28 - 33 | 34 · 40           | 41 - 47  | 48 - 55     | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|----------|----------|----------|------------|----------|---------|-------------------|----------|-------------|------|-------|-----------------------|
| N                       |                   | 1.       | 2.       | 1.       |            |          |         |                   |          | -           |      | •:    | • •                   |
| NNE                     |                   | • •      | 1.0      | • 73     | ,          |          |         |                   |          |             |      | 2.4   | . 7                   |
| NE                      |                   | •        | •        | • 1      |            |          |         |                   |          |             |      |       | •                     |
| ENE                     |                   | • •      |          | i •      |            |          |         |                   |          |             |      |       | 1                     |
| E                       |                   | 1.       | 1.       | 1.3      |            |          |         |                   |          | 1           |      | 105   | •                     |
| ESE                     | •                 | 1 • 6    | 1.       | 1.7      | • 1        |          |         |                   |          |             |      | 4.    | 9.                    |
| SE                      | ,                 | 2.4      | 7 ^      | • 9      | • .        |          |         |                   |          |             |      | • 3   | 7                     |
| SSE                     | •                 |          | . 7      | 4        |            |          |         |                   |          |             |      | : 4 . | 7.4                   |
| S                       |                   | 1.       | 2.4      | 1.0      | •          | • 4      |         |                   |          |             |      | . 7   | 7.                    |
| SSW                     |                   | 1."      | 2.1      | 1.       | . ¢        |          |         |                   |          |             |      |       | • 1                   |
| sw                      | •                 | 1.0      | 1.1      | 1.1      |            |          |         |                   |          |             |      | ذ •   | tz 🞳                  |
| wsw                     | 1.2               | 1.       | 1.6      | • 2      |            |          |         |                   |          |             |      |       | •                     |
| w                       |                   | 1.4      | .7       | • 1      |            |          |         |                   |          |             |      |       | 4 , 5                 |
| WNW                     |                   | 1.2      | 1.6      | . &      | • .7       |          |         |                   |          |             |      |       | •                     |
| NW                      |                   | 1.       | 1.0      | • 7      | • 7        | • 1      |         |                   |          |             |      |       | 1                     |
| NNW                     | . 1               | •        | •        | 1.7      | • 4        | • 1      |         |                   |          |             |      |       | 11.                   |
| VARBL                   |                   |          |          |          |            |          |         |                   |          |             |      |       | í                     |
| CALM                    | $\supset \subset$ | $\times$ | $\times$ | $\times$ | $\searrow$ | $\times$ | >       | $\supset \subset$ | $\times$ | $\supset <$ | > <  | .5.   |                       |
|                         | . • n             | 21.1     | 26.4     | 17.2     | 3.1        | . 4      |         |                   |          |             |      | :53.5 | ٤.                    |

TOTAL NUMBER OF OBSERVATIONS

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| A E          | - · · · · · · · · · · · · · · · · · · · |              | N N  |
|--------------|---|--------------|--|
| STATION NAME |   | YEARS        | MONTH  |
|              | 42 <b>L</b> (64) (6                     |              | J = 150  |
|              | CLASS                                   | <del></del>  | HOURS (L.S.T.)   |
|              | STATION NAME                            | STATION NAME | STATION NAME  STATION NAME  STATION NAME  STATION NAME  STATION NAME  STATION NAME  STATION NAME |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47 | 44 - 55 | ≥54        | *    | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|----------|----------|----------|---------|---------|----------|---------|---------|------------|------|-----------------------|
| N                       |          | i •      | 1.3      | 1.4      |          |         |         |          |         |         |            | 4.5  | •                     |
| NNE                     |          | •        | •        | • 4,     |          |         |         |          |         |         |            |      | •                     |
| NE                      | <b>.</b> | • .      | • 7      | • ?      |          |         |         |          |         |         | I          |      | • (                   |
| ENE                     |          | •        | •        | . 9      |          |         |         |          |         |         |            | . •  | 11.7                  |
| E                       | . 7      | 1.       | 1.6      | 1.2      | • ~      |         |         |          |         |         | ĺ          | • 1  | ა • :                 |
| ESE                     | • 1      | •        | 2.2      | 1.7      | • 1      |         |         | _        | I       | ,       | 1          | ~ .  |                       |
| SE                      | 1.2      | 2.       | 1.9      | 1.0      | • 1      |         |         |          |         |         | İ          | • 5  | . 7                   |
| SSE                     |          | 3.1      | ? • €    | 1.1      |          |         |         |          | I       |         |            | 1    | 7.3                   |
| _ S                     | • 1      | 2.       | ∴.2      | 1.7      | 1.6      |         |         |          |         |         |            | • 5  | •                     |
| SSW                     | •2       | 1.2      | • €      | . 9      |          |         |         |          | I       |         |            | . 6  | 7.0                   |
| SW                      | •        | 1.       | 1.7      | 1.0      | . 4      |         |         |          |         |         |            |      | 7.                    |
| wsw                     | •        | 1.2      | •        | • 2      |          |         |         |          |         |         |            | •    |                       |
| w                       | . 7      | 2.       | • 7      |          |          |         |         |          |         |         |            | • '  |                       |
| WNW                     | •        | • /      | 1.5      | • 9      |          |         |         |          |         |         |            | •    | • .                   |
| NW                      | •        | •        | • 7      | . 9      | • 2      | • 7     |         |          |         |         |            | • 1  | 11.                   |
| NNW                     |          | •        | 1.       | •7       | 1.0      | • 1     |         |          |         |         |            | •    | 11.                   |
| VARBL                   | •        |          |          |          |          |         |         |          |         |         |            | •    | 2.                    |
| CALM                    | $\times$ | $\times$ | $\times$ | $>\!\!<$ | $\times$ | > <     | > <     | $\times$ | >>      | > <     | $\searrow$ | • č  |                       |
|                         | .4 •     | 22.3     | 22.3     | 15.2     | 4.7      | • 4     |         |          |         |         |            | . J. | b • G                 |

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AT SUATHOR SERVICIOMAS PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | CAUCA AF AT  | ر ۾ ۾ ن   |       | *:             |
|---------|--------------|-----------|-------|----------------|
| STATION | STATION NAME |           | YEARS | MONTH          |
|         |              | ALL EATHE |       | ÷ - 11.        |
|         |              | CLASS     |       | HOURS (L.S.T.) |
|         | <del></del>  | CONDITION |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10   | 11 - 16       | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55  | ≥ 56 | *            | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|----------|---------------|----------|----------|----------|-------------|-------------|----------|------|--------------|-----------------------|
| N                       | ,           |             | 2.2      | • 7           | , F.     |          |          |             |             | i        |      | 4.           | ٧.,                   |
| NNE                     | • 1         | •           | • 3      | • 3           |          |          |          |             |             |          |      | i .          | •                     |
| NE                      | •           |             | •        | • 3           |          |          |          |             |             |          |      | 1            |                       |
| ENE                     |             | •           | , 7      | . 7           | • 1      |          |          |             |             | ]        |      | •            | 1 • 1                 |
| E                       | •           | • 7         | 1.4      | 1.3           | . 7      |          |          |             |             |          |      |              | 11.1                  |
| ESE                     | •           | •           | 7.1      | 1.7           | • 1      |          |          |             |             |          |      | <b>.</b>     | •_                    |
| SE                      |             | 2.3         | 7.       | $1 \bullet 0$ |          | • •      |          |             |             |          |      |              | ,                     |
| SSE                     | • 1         | 4.          | 4.4      | 2.9           | . 3      |          |          |             |             |          |      | 5            | 7.                    |
| \$                      | .'•         | 2.7         | 1.       | 1.5           | • 7      |          | •        |             |             |          |      |              | • •                   |
| SSW                     | 1.1         |             | 1.       | . 6           | . 9      |          |          |             |             |          |      | 4.5          | • .                   |
| SW                      | •           | 1.          | 1.1      | • 0           | • 4      |          |          |             |             |          |      |              | 7.                    |
| wsw                     | 1.1         | 1.          | 1.2      | • 2           | • 1      |          |          |             | <u> </u>    |          |      | . 4          | ۱ و ر                 |
| w                       | •           | 1.          | • 9      | • 2           |          |          |          |             | <u> </u>    |          |      | · •          | 4                     |
| WNW                     |             | . 9         | • ú      | • 9           | • 1      |          |          |             |             |          |      | 5            | • .                   |
| NW                      |             | . 6         | • 9      | 1.6           | 8        | • ?      |          |             | L           |          |      | • 3          | 11.                   |
| NNW                     | • 1         | . 5         | 1.3      | • 3           | _ 3      |          |          |             | <u> </u>    |          |      | <u>ن</u> . ي | •                     |
| VARBL                   | • '         | • 1         |          | • 1           |          |          |          |             |             |          |      | •            |                       |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $>\!\!\!<$    | $\times$ | $>\!\!<$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | ><   | • 2          | _                     |
|                         | 2           | 21.7        | 23.1     | 16.0          | 5.1      | • t      | • 1      |             |             |          |      |              | ນ •                   |

TOTAL NUMBER OF OBSERVATIONS

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | To the A.    | ÷ <b>±</b> \$ 0 |       |                |  |
|---------|--------------|-----------------|-------|----------------|--|
| STATION | STATION NAME | <del></del>     | YEARS | MONTH          |  |
|         |              | L ALL CATHE     |       | 3-:1           |  |
|         |              | CLASS           |       | HOURS (L.S.T.) |  |
|         |              |                 |       |                |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6       | 7 - 10   | 11 - 16  | 17 - 21 | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55 | ≥54      |       | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------------|----------|----------|---------|----------|-------------|-------------|-------------|---------|----------|-------|-----------------------|
| N                       | •        | 1.1         | _ 3.1    | •        | 7.      | • ;      |             |             |             | į       |          | •     |                       |
| NNE                     | •        | • 4         | 1.1      |          |         |          |             |             |             | ]       |          | 4 •   | ٠.                    |
| NE                      | •        | . 3         | • .      | . 4      |         |          |             |             | L           |         |          | 4.5   | • 7                   |
| ENE                     | • 7      | •           | 1.1      | 1.       |         | •        |             |             | I           | I       | <u> </u> | 3     | • 1                   |
| E                       |          | 1.          | 1.2      | 1.7      | 2       | . 4      |             |             |             |         |          | • 1   | 100                   |
| ESE                     |          | 1.          | 2.3      | 1.1      | . 3     |          |             | L           |             |         | i        | •     | • • 3                 |
| SE                      | 1.1      | 1.          | 3.4      | 1.2      | • 1     |          |             |             |             |         | i        | . 5   |                       |
| SSE                     | • 2      | 4           | 5•.      | 4.1      | • 5.    | • 1      |             |             |             |         |          |       | •                     |
| S                       | 1.2      | ì.          | 2.1      | 3.1      | • 5     |          |             |             |             |         |          | • 1   | 9.                    |
| ssw                     | 1.0      | 1.          | 9.       | 1.7      | . 4     |          |             |             |             |         | I        | •     | ೮ •                   |
| sw                      | •        | 2.2         | 2.4      | 1.1      | 0       | • 1      |             |             |             |         |          | •     | ٠, 4                  |
| wsw                     |          | . 1         | 2.0      | . 7      | • 1     |          |             |             | 1           |         |          | ٠ ز   | 0                     |
| w                       | ·        | • 5         | 1.1      | . 4      | • 1     |          |             |             |             |         |          | •     | 5, 4, 44              |
| WNW                     |          |             | • 6      | . 7      | • 1     |          |             | L           | I           |         |          | _ •   | 3.7                   |
| NW                      |          | 1.3         | 1.7      | 1.2      | 7       | • 1      |             |             |             |         |          | 5.    | 9.                    |
| NNW                     | •        | • 1         | 2.0      | 1.ê      | • 3     |          |             |             |             |         |          | •     | 9.3                   |
| VARBL                   | •        | • 3         | • 2      |          |         |          |             |             |             |         |          | •     | •                     |
| CALM                    | $\geq <$ | $\geq \leq$ | $\geq <$ | $\times$ | X       | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |         |          |       |                       |
|                         | .1.      | 27.5        | 30.a     | 21.0     | 4.5     | 1.4      |             |             |             |         |          | 1 0.7 |                       |

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 4   | LAUFLE AS AL | : • - <sub>6</sub> j |       | N              |
|---------|--------------|----------------------|-------|----------------|
| STATION | STATION NAME | <del></del>          | YEARS | MONTH          |
|         |              | ALL CATHET           |       | 1 9-4 3        |
|         |              | CLASS                |       | HOURS (L.S.T.) |
|         |              |                      |       |                |
|         |              | CONDITION            |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10   | 11 - 16  | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56        | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|----------|----------|-------------|----------|-------------|-------------|-------------|-------------|------------|-------|-----------------------|
| N                       |       | 1.          | 2.4      | 1.3      | • ?         | • 1      |             |             |             |             |            | •     | . 4                   |
| NNE                     | •     | • 3         | •        |          |             |          |             |             |             |             |            | •     | •                     |
| NE                      |       | 1.1         | . 7      | • 1      |             |          |             |             |             |             |            | • i   | . 4                   |
| ENE                     | •     | 1.2         | 1.2      | • 0      | • 3         |          |             |             | [           |             |            | •     | / •                   |
| £ .                     |       | 1.          | 2.6      | 1.7      | . 5,        | 5.0      |             |             |             |             |            | . 7   | У.                    |
| ESE                     | •     | 1.1         | 1.3      |          |             |          |             |             |             |             |            | 4.5   | •                     |
| SE                      | • '   | 1.1         | 3.       | 1.€      | • 3         |          |             |             |             |             |            | 7     | 7 . 9                 |
| SSE                     | •     | 3.3         | 7.2      | ۰۹       | • 3         |          |             |             |             |             |            | · · i | 9.5                   |
| 5                       | •     | 2.1         | 3.5      | 2.8      | • 7         | • L      |             |             | <u> </u>    |             |            | 1.2   | · • 7                 |
| SSW                     |       | 1.2         | 1.3      | 2.4      | • 5         |          |             |             |             |             |            | • .   | 10.3                  |
| sw                      |       | 1.1         | 2.4      | 1.1      | • 5         | . 1      |             |             |             |             |            | • •   | 1 . 3                 |
| wsw                     | • 1   | •           | 1.7      | 1.2      | • 1         |          |             |             |             |             |            | ••    | . 3                   |
| w                       | • 2   | • '         | 1.2      | . 4      |             |          |             |             |             |             |            |       | 7.7                   |
| WHW                     |       | 1.          | 2.1      | • 9      | • 1         | • 2      |             |             |             |             |            | 4.    | 9.8                   |
| NW                      | . 2   | 1.7         | 2.3      | 2.1      | - 6         | • :      |             |             |             |             |            |       | 7.0                   |
| NNW                     |       | • 7         | 2.4      | 2.4      | . 7         | • l      |             |             |             |             |            | υ.    | 1 . 4                 |
| VARBL                   |       | . 3         | . 4      | . 2      |             |          |             |             |             |             |            | 1.3   | • 1                   |
| CALM                    | >>    | $\geq \leq$ | $>\!\!<$ | $>\!\!<$ | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\searrow$ | •     |                       |
|                         |       | 19.1        | 37.9     | 26.3     | 4.9         | 1.4      |             |             |             |             |            | 1 (0) | 3                     |

|             | •       |           |  | _ |     |
|-------------|---------|-----------|--|---|-----|
| OTAL NUMBER | OF OBSI | EEVATIONS |  |   | ~ , |

AL CLIMATOLOUR EMA CH LITAL EAT ON SERVI COM PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 _ 1   | A A يان خ    |            |       | N .            |
|---------|--------------|------------|-------|----------------|
| STATION | STATION NAME |            | YEARS | MONTH          |
|         |              | ALL CATHER |       | :_ ?=`7_:_     |
|         | <del></del>  | CLASS      |       | HOURS (L.S.T.) |
|         |              | CONDITION  |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6      | 7 - 10   | 11 - 16  | 17 - 21  | 22 · 27  | 28 - 33  | 34 - 40  | 41 - 47 | 49 - 55 | ≥56 | *       | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|------------|----------|----------|----------|----------|----------|----------|---------|---------|-----|---------|-----------------------|
| N                       | •                 |            | 2 • •    | 1.8      | - 3      |          | •        |          |         |         |     | , 4     | G.                    |
| NNE                     | •                 | <b>.</b> 4 | 3        | 3        | • 1      |          |          |          |         |         |     |         | 9.1                   |
| NE                      | •                 | • >        | .7       | • 3      |          |          |          |          |         |         |     | . •     |                       |
| ENE                     |                   | 1.         | • 7      | 1.       | •        |          |          |          |         |         |     | •       | 9                     |
| E                       |                   | 1.3        | 2.6      | 1.7      | ٤.       |          |          |          |         |         |     | . 7     | 9.2                   |
| ESE                     | •                 | 1.         | 1.4      | 1.8      |          |          |          |          |         |         |     | • •     | 5.                    |
| SE                      |                   | 2.3        | 3.3      | 1.       |          |          |          |          |         |         |     | . 4     | • :                   |
| SSE                     | 1.                | 3.4        | 7.8      | 2.6      |          |          |          |          |         |         |     | 1 1     | 3.1                   |
| 5                       |                   | • 1        | 2.7      | 2.6      | - 6      | • 1      |          |          |         |         |     | • ;     | 6. • 9                |
| SSW                     |                   | 1.0        | 1.2      | 1.1      | • 7      | • 3      |          |          |         |         |     | • :     | 13.4                  |
| SW                      |                   | 2.         | 1.7      | 1.3      | , 2      |          |          |          |         |         |     | υ•      |                       |
| wsw                     |                   | 1.2        | 1.8      | • 9      |          |          |          |          |         |         |     | •       | • (                   |
| w                       | • 3               | •          | . 9      | • 6      | • ?      |          |          |          |         |         |     | 2.      | . • 3                 |
| WNW                     | •                 | • 7        | 2.3      | • 6      |          |          |          |          |         |         |     | . 4     | 7.7                   |
| NW                      |                   | 1.         | 2.4      | 1.7      | . 9      | • 1      |          |          |         |         |     | •       | 1 .                   |
| NNW                     |                   | • 11       | 2.3      | 2.2      | 1.1      |          |          |          |         |         |     | . 7     | 11.3                  |
| VARBL                   |                   |            |          | • 1      | • i      |          |          |          |         |         |     |         | 3.                    |
| CALM                    | $\supset \subset$ | $\times$   | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ |         | ><      | >>  | •       |                       |
|                         | J.1               | 24.1       | 34.9     | 22.2     | 5.1      | • 6      | • 1      |          |         |         |     | ار د يا | (                     |

TOTAL NUMBER OF OBSERVATIONS

TE PAL CLIMATOLOGY BRANCH FLIAC A EATHER SERVICEZMAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| i       | LIES AS A    | 7 <b>! =</b> 8 C | ₩              |
|---------|--------------|------------------|----------------|
| STATION | STATION NAME | YEARS            | MONTH          |
|         |              | ALL EATHE        | u -1.0°        |
|         |              | CLASS            | HOURS (L.S.T.) |
|         |              |                  |                |
|         |              | CONDITION        |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 · 6    | 7 - 10     | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40     | 41 - 47     | <b>48</b> · 55 | ≥56 | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|------------|----------|----------|----------|----------|-------------|-------------|----------------|-----|----------|-----------------------|
| N                       | . 4      | •        | 1 • 4      | 1.5      | • 2      |          |          |             |             |                |     | 4.       | 7.                    |
| NNE                     |          | •        | 4          | 1.2      | • 1      |          |          |             |             |                |     | . i      | 11.                   |
| NE                      |          |          | ري<br>ن    | . 4      |          |          |          |             |             |                |     | 1        |                       |
| ENE                     | •        | •        | • A        | • ?      | _        |          |          |             |             |                |     | 1        | 3.1                   |
| E                       |          | . 4      | 1.5        | 1.7      | . 7      |          |          |             |             |                |     | 4.       | 15.                   |
| ESE                     | •        | 1.4      | 1.         | 1.1      |          |          |          |             |             |                |     | • •      | ა •                   |
| SE                      |          | 2.7      | 3.7        | . 9      | • 1      |          |          |             |             |                |     | 7.       |                       |
| SSE                     | 1        | 3.1      | 6.4        | 1,0      |          |          |          |             |             |                |     | 13.      | 7.                    |
| 5                       | • 1      | 3.4      | 2.8        | 1.1      | • **     | • 1      |          |             |             |                |     | 1 :- 3   | 7.                    |
| SSW                     | 1.       | 1.2      | 1.4        | , c      | • 0      | • 2      |          |             |             |                |     | • •      | 9.                    |
| SW                      | •        | 2,4      | 1.0        | . ب      | • 2      |          |          |             |             |                |     |          | 5.                    |
| wsw                     |          | • 1      | • 6        | . , 7    | • 1      |          |          |             | <u> </u>    |                |     |          |                       |
| w                       | 1.2      | 1.       | • K        | . 4      | • 3      |          |          |             |             |                |     | 4.       |                       |
| WNW                     | •        |          | 1.7        | .6       | •1       |          |          |             |             |                |     | •        | •                     |
| NW                      | •        | 6        | 1.0        | 1.7      | • 5      | • 2      |          |             |             |                |     | 3        | 11.                   |
| NNW                     | ·        | • 2      | 1.3        | 1.6      | • 3      | • 1      |          |             |             |                |     | •        | 11.                   |
| VARBL                   |          | • !      | • 2        |          |          |          |          |             |             |                | ļ,  | <u> </u> |                       |
| CALM                    | $>\!\!<$ | $>\!\!<$ | $>\!\!\!<$ | $>\!\!<$ | $\times$ | $>\!\!<$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$    | >>  | 1 .0     |                       |
|                         | 1 .2     | 21.2     | 28 • G     | 16.8     | 4.6      | .7       |          |             |             |                |     | 1 0,     | ,,                    |

TOTAL NUMBER OF OBSERVATIONS

E AL CLIMATOLUGA SEA CA TAG CAT FA SERVI COMA

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 4 1   | A & A        | 11-85     |                |
|---------|--------------|-----------|----------------|
| STATION | STATION NAME | YEARS     | MONTH          |
|         | t.           | L CAT E   | 1 7-23         |
|         |              | CLASS     | HOURS (L.S.T.) |
|         |              | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3     | 4 - 6      | 7 - 10      | 11 - 16                                      | 17 - 21  | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47  | 48 - 55     | ≥56         | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|-----------|------------|-------------|--|----------|----------|-------------|-------------|----------|-------------|-------------|----------|-----------------------|
| N                       | • !       | •          | 2.          | 1.2  |          |          |             |             |          |             |             | ٠,       | •                     |
| NNE                     | •         | • 3        | •           | • 7  |          |          |             |             |          |             |             | •        | ڌ .                   |
| NE                      | •         | • -2       | • £         | . 4  |          |          |             |             |          | L           |             | 1.       |                       |
| ENE                     | •         | • 4        | 1.1         | .7   |          |          |             |             |          |             |             | . 3      | , ,                   |
| E                       | •         | 1.1        | 1.7         | 1.3  | • •      |          |             |             |          | <u> </u>    |             | - •      | 7                     |
| ESE                     |           | •          | 2.0         | 1.7  | • 7      |          |             |             | <u> </u> | <u> </u>    |             | •        | 5                     |
| SE                      | . •       | 1.4        | :           | 1.5  | • 1      |          |             |             |          | ļ           |             | <u> </u> | • 7                   |
| 322                     | <u> 2</u> | 3.         | 5.4         | 2.7  | • 7      |          |             |             |          | L           |             | 2 ·• •   | • 4                   |
| 5                       | .4        | 3.1        | 2.9         | . 6  | , 7      | • ?      | <u> </u>    |             | [        | <u> </u>    |             | 1 .      | . • 7                 |
| SSW_                    | 1.        | 2 • 1      | • 9         | 1.6  | • 2      | • 1      |             | <u> </u>    | L        |             |             | • 1      | 7.:                   |
| sw                      | 1.4       | 1.         | 1.3         | • 0  |          |          | L           | L           | <u> </u> |             |             | •        | • (                   |
| wsw                     | .2        | 1.         | 1.3         | • 3  |          |          |             |             | <u> </u> |             | ļ           | •        | ٠.                    |
| w                       | 2         | 1.4        | • 6         | . 7  | • 1      |          | ·           |             | ļ        | L           | <u> </u>    | •        | 7                     |
| WNW                     | <u>•</u>  | 1.3        | 1.2         | • 3  | 1        | • 1      |             |             | ļ        | <u> </u>    | ļ           | 3        | •                     |
| NW                      | • 2       | •          | 1.7         | .7   | • 5      | 6.2      |             |             |          | <u> </u>    | ļ           | • •      | 1 .                   |
| NNW                     |           | • "        | 1.4         | • 3  | . 6      | • 1      |             |             |          | L           | L           | •        | 11.                   |
| VARBL                   |           |            |             | <u>•                                    </u> |          |          |             |             |          |             |             |          | 11.                   |
| CALM                    | > <       | $>\!\!\!<$ | $\geq \leq$ | $>\!\!<$                                     | $>\!\!<$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq$   | $\geq \leq$ | $\geq \leq$ | 1 ••     |                       |
|                         | 14.       | 21.4       | 29.7        | 16.3   | 3.3      | •8       | • 1         |             |          |             |             | ٠٠٠      | t. • •                |

TOTAL NUMBER OF OBSERVATIONS

TE TAL CLIMATGLOGY ERANCH TITAC AT LEATHER SERVICEZMAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| . 2 1   | Laulit A All | / * + 3 G  |       | <b>~</b> .     |
|---------|--------------|------------|-------|----------------|
| STATION | STATION NAME |            | YEARS | MONTH          |
|         |              | ALL EATHER |       | L              |
|         |              | CLASS      |       | HOURS (L.S.T.) |
|         |              |            |       |                |
|         |              | CONDITION  |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6      | 7 - 10   | 11 - 16  | 17 - 21 | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47     | 48 - 35 | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|------------|----------|----------|---------|----------|----------|---------|-------------|---------|-------------|-------|-----------------------|
| N                       |          | 1.1        | 2.1      | 1.2      |         |          | • ^      |         |             |         |             | •     | • 1                   |
| NNE                     | •        | • 7        | . 7      | . 4      | - 1     |          |          |         |             |         |             | •     | . 4                   |
| NE                      | •        | • 4        | • 6      | • 3      |         |          |          |         |             |         |             | . •   | 7.5                   |
| ENE                     | •        | •          | • ₽      | • 0      | . 2     | • ,*     |          |         |             |         |             | •     | 9.6                   |
| E                       | • •      | 1.         | 1        | 1.5      | . ?     | • 1      |          |         |             |         |             | • 2   | •                     |
| ESE                     |          | 1.1        | 1.7      | 1.6      | 1       |          |          |         |             |         |             | •     | • 1                   |
| SE                      |          | 2.2        | 3.2      | 1.4      | • 1     | • "      |          |         |             |         |             | • 5   | 7 •                   |
| SSE                     | • 1      | 3. '       | 5.5      | • 1      | . 3     | , .      |          |         |             |         |             | . 4 • | 34                    |
| S                       | • 1      | 2.5        | 2.6      | 1.9      | • 7     | • 3      |          |         |             | 1       |             | •     | • 4                   |
| ssw                     | 1.       | 1.4        | 1.2      | 1.2      | ~       | - 1      |          |         |             | I       |             |       | · · ·                 |
| sw                      |          | 1.         | 1.7      | 1.0      | • 3     | •        |          |         |             |         |             |       | 7.                    |
| wsw                     |          | 1.         | 1.4      | 6        | - 1     |          |          |         |             |         |             | • .   | 7.                    |
| w                       | 1.       | 1.2        | • .      | . 4      | • 1     |          |          |         |             |         |             | •     | ٠,٠٧                  |
| WNW                     |          | پ و        | 1.5      | , 7      | • 1     |          |          |         |             |         | İ           | 3.    | • ?                   |
| NW                      |          | •          | 1.4      | 1.3      | • 6     | 5.       |          |         |             |         |             | •     | 1 .                   |
| NNW                     |          | <u>• 5</u> | 1.5      | 1.5      | . 6     | 1        |          |         |             |         |             | ••    | 19                    |
| VARBL                   | •        | • 1        | • 1      | • 1      | • "     |          |          |         |             |         |             | •     | ر.<br>ن               |
| CALM                    | $\times$ | $>\!\!<$   | $\times$ | $\times$ | ><      | $>\!\!<$ | $\times$ | ><      | $\geq \leq$ |         | $\geq \leq$ | 1 . 3 |                       |
|                         | 1.7      | 21.4       | 27.0     | 12.0     | 5       | . 6      |          |         |             |         |             | 1 0.  | 1.5                   |

| TOTAL | NUMBER ( | Þ٢ | OBSERVATIONS | • | : |
|-------|----------|----|--------------|---|---|

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 4 .   | _ 1 A A      | 11-au      |       | 5 (            |
|---------|--------------|------------|-------|----------------|
| STATION | STATION NAME |            | YEARS | MONTH          |
|         |              | ALL ENTRE? |       | 300+0260       |
|         |              | CLASS      |       | HOURS (L.S.T.) |
|         | <del>-</del> | CONDITION  |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10            | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47            | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|-------------------|----------|----------|----------|----------|---------|--------------------|-------------|-----|-------|-----------------------|
| N                       | • .         | . 4      | 1.4               | ٠<br>٢   | ,        | . 4      |          |         |                    |             |     | •     | 12.1                  |
| NNE                     |             | • .      | • "               | • -      |          |          |          |         |                    |             |     | . 2   | 1 .                   |
| NE                      | •           | •        | 1 • 1             | . 6      |          |          |          |         |                    |             |     | 3     | •                     |
| ENE                     |             | •        | 1 - 1             | 1.3      | • 3      |          |          |         |                    |             | [   | ₹.    | 1 . 7                 |
| E                       | •           | • 5      | 1.9               | 1.4      | • 5      |          |          |         |                    |             |     | 4 .   | 1                     |
| ESE                     | •           | • *      | 1.1               | 1.5      | 1.3      | . ?      | • 3      |         |                    | 1           |     | . 5   | 1 .                   |
| SE                      | •           | • 0      | 1.6               | 1.2      | •        | • 1      |          |         |                    |             |     |       | 1 . 7                 |
| SSE                     | 1 -         | 2• '     | 1.7               | 1.4      | •        |          |          |         |                    |             | 1   |       | 7.3                   |
| 5                       | 1.          | 1.       | 2.2               | 1.2      | . 4      | • 1      |          |         |                    |             |     | •     | 7.                    |
| ssw                     | •           | 1.       | 2.0               | ع •      |          | ,        |          |         |                    |             |     | •     | 0.0                   |
| sw                      | , . ?       | 2.5      | 2.6               | 1.8      | ۰٥       | , °      | • 1      |         |                    |             |     | •     | • *                   |
| wsw                     | 1.1         | 1.       | 1.5               | 1.1      | • 3      | • 1      |          |         |                    |             |     |       | 7.                    |
| w                       |             | 1.7      | 1.5               | 1.1      | • 4      | •        |          |         |                    |             |     |       | 7                     |
| WNW                     | •           | 1.5      | 1.4               | 1.1      | • 1      |          |          |         |                    |             |     | 3     | •                     |
| NW                      |             | • ?      | 2•0               | 1.6      | • 6      | .6       | ءَ د     |         |                    |             |     | • 6   | 1 . ;                 |
| NNW                     | • 1         | •        | 1.2               | 1.5      | • 5      | • 3      | • ?      | • 1     |                    |             |     | •     | 14.5                  |
| VARSL                   |             | •        | • ?               |          |          |          |          |         |                    |             |     | • 3   | •                     |
| CALM                    | $\supset <$ | $>\!\!<$ | $\supset \subset$ | $\times$ | $\times$ | $\times$ | $>\!\!<$ | ><      | $\triangleright <$ | $\supset <$ |     | 1 • • |                       |
|                         | . 9         | 19.7     | 25.1              | 14.1     | 7.7      | 3.2      | . 8      | • 1     |                    |             |     | ر و د | ر<br>ا                |

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TOTAL NUMBER OF OBSERVATIONS

TAL CLIMATOLOUS BRANCH

SURFACE WINDS

#### SATE SERVICE /MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 2 .     | grift Ar A   | * , <del>-</del> 8 } |       | Ţ., · ·        |
|---------|--------------|----------------------|-------|----------------|
| STATION | STATION NAME | <del></del>          | YEARS | MONTH          |
|         |              | ALL LATHE            |       | <u></u>        |
|         |              | CLASS                |       | HOURS (L.S.T.) |
|         |              |                      |       |                |
|         |              | CONDITION            |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10   | 11 - 16 | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|----------|---------|-------------|---------|-------------|---------|-------------|-------------|-------------|-------|-----------------------|
| N                       | <b>,</b> .  | 1.    | 1.2      | Ç       | • 3         | • .     |             |         |             |             |             | •     | 11.                   |
| NNE                     |             | g -4  | J.,      |         |             |         |             |         | L           |             |             |       | . 3                   |
| NE                      |             | •     | 1.3      | . 6     |             |         |             |         |             |             |             | 3     |                       |
| ENE                     |             | • 2   | . 5      | 1.2     | . 2         |         |             |         | L           |             |             | . 3   | 11                    |
| E                       |             | 1.5   | 1.1      | 1.0     | . 4         | • .     |             |         |             |             |             | . 4   | 1                     |
| ESE                     | •           |       | 1.0      | 1.5     | 1.5         | . lı    | • 1         |         | L           |             |             |       | 1 1                   |
| SE                      |             | . 4   | 1.7      | 1.6     | • 4         | • 1     |             |         |             |             |             |       | 11.                   |
| SSE                     | 1.          | 1.5   | 2.4      | 1.6     | •           |         |             |         |             |             |             | . +   | •                     |
| \$                      |             | 1.    | 1.6      | 1.      | • 3         |         |             |         |             |             |             | •     | <b>7.3</b>            |
| SSW                     |             | 1.3   | 1.4      | 1.1     | • 5         | • ?     |             |         |             |             |             | •     | • 6                   |
| sw                      | • 1         | 1.6   | 3.3      | 1.7     | • 9         | • :     |             |         | 1           |             |             | i • u |                       |
| wsw                     | •           | 1.    | 2.2      | 1.6     | • 5         | • ?     |             |         |             |             |             | Ų.    | ٠ و ب                 |
| w                       | 1.          | 2.2   | 1.8      | 1.5     | . 5         | ءَ وَ   |             |         |             |             |             | • ,   | 0.                    |
| WNW                     |             | 1.2   | 2.5      | . 6     | • 1         | • 1     |             |         |             |             |             | • 3   | 7 . 1.                |
| NW                      | ?           | •     | 2.0      | 1.3     | . 5         | , H     | • 1         |         |             |             |             |       | 12.                   |
| NNW                     |             | • 1   | 1.2      | 1.4     | • 5         | • "     | • 1         | . 2     |             |             |             | • -   | 15.3                  |
| VARBL                   |             |       |          |         |             |         |             |         |             |             |             | •     | 2.0                   |
| CALM                    | $\geq \leq$ | ><    | $\geq <$ | ><      | $\geq \leq$ | ><      | $\geq \leq$ | $\geq$  | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | • ?   |                       |
|                         | , u         | 16.3  | 25.1     | 21.2    | 8.0         | 3 + 3   | . 3         | .7      |             |             |             | 1 0.0 | 7                     |

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 . 1   | . 101 A & A  | ** <b>-</b> * | Dr. K          |
|---------|--------------|---------------|----------------|
| STATION | STATION NAME | YEARS         | MONTH          |
|         |              | ALL SEAL L    | ្β⇔ ⊍្ជាប្     |
|         | <del></del>  | CLASS         | HOURS (L.S.T.) |
|         |              | CONDITION     |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6    | 7 - 10   | 11 - 16     | 17 - 21  | 22 - 27 | 28 - 33  | 34 - 40 | 41 - 47     | 48 - 55  | ≥36      | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|----------|----------|-------------|----------|---------|----------|---------|-------------|----------|----------|----------|-----------------------|
| N                       | •                 | • :      | 1.       | 1.4         | . 4      | •       |          |         |             |          |          |          | 1.                    |
| NNE                     |                   | •        | • .`     | 1.2         | 1        |         |          |         | <u></u>     |          |          |          | 11.5                  |
| NE                      |                   | •        | 1.1      | • 4         |          |         |          |         |             |          |          | <u> </u> | •                     |
| ENE                     |                   | •        | 1.       | 1.          | •        |         |          | L       |             |          |          | _ •      | •                     |
| E                       | ,                 | •        | 1.4      | 1.5         | • 5      | • Li    |          |         |             |          |          | • 1      | 11.                   |
| ESE                     |                   | •        |          | 1.7         | 1.7      | • 6     |          |         | L           |          | <u> </u> | I        | 1.                    |
| SE                      | . 3               | •        | 1.2      | 2.7         | :•?      | • 1     |          |         |             | <u> </u> |          |          | 11.                   |
| SSE                     |                   | 1.3      | 2.7      | 1.2         | • ?      |         |          |         |             |          |          | •        |                       |
| S                       | 1.2               | 1.       | 2.5      | • 6         | • 6      | • ີ     |          |         |             |          |          |          | •_                    |
| ssw                     | 1.2               | •        | 1.2      | • 1         | • 1      | • 1     |          |         | I           | I        |          |          | . •                   |
| 5W                      | 1.                | 1.7      | 1.7      | 1.3         |          | • ti    | • 1      |         |             |          |          |          | , , ·                 |
| wsw                     | 1.                | 1.5      | 2 - 2    | 1.7         | _ • £    | • 4     |          |         |             |          |          | . 7      | 9.                    |
| w                       | 1.                | 3 • 2    | 1.0      | _2 •        | •        | **:     |          |         |             |          |          |          | •                     |
| WNW                     |                   | 1.3      | 2.2      | 1.1         |          |         |          |         |             |          |          | •        | ٠ ي                   |
| NW                      |                   | •        | 1.6      | 1 • 1       | • 6      | • 3     | • 1      |         |             |          |          | 4.       | 12.                   |
| NNW                     |                   | •        | 1.0      | 2.0         | •6       | . 5     | • 3      |         |             |          |          | . 1      | 1                     |
| VARBL                   | •                 | . 4      |          |             |          |         |          |         |             |          |          | •        | •                     |
| CALM                    | $\supset \subset$ | $\times$ | $>\!\!<$ | $\supset <$ | $\times$ | >>      | $\times$ | ><      | $\supset <$ |          | ><       | . • 6    |                       |
|                         | ٠                 | 1 '      | 23.5     | 21.0        | 5.2      | 3.4     | . 5      |         |             |          |          |          |                       |

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY SPANCH CHITAC AT EXTERM SERVICEZMAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1       | _4J# , A : A : | 7:-95     |              | $\eta$ $\sigma$ |
|---------|----------------|-----------|--------------|-----------------|
| STATION | STATION NAME   |           | YEARS        | MONTH           |
|         |                | ALL EATHE |              |                 |
|         |                | CLASS     |              | HOURS (L.S.T.)  |
|         |                |           |              |                 |
|         |                | CONDITION | <del>-</del> |                 |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10   | 11 - 16    | 17 - 21    | 22 - 27      | 28 - 33    | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|----------|------------|------------|--------------|------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N                       |          | •        | 1.3      | (a, e, ii) | , 7        | • `          |            |             |             |             |             | 4.    | 11.                   |
| NNE                     | • 1      | •        | • 0      | • S        |            |              |            |             |             |             |             | •     | • •                   |
| NE                      |          | •        | 1.3      | • 5        |            |              |            |             |             |             | Ī           | 1 • 2 | . (                   |
| ENE                     |          | •        | 1.2      | . 4        | • 2        | • 1          |            |             |             |             | I           | Ĭ . • | 1 . 2                 |
| E                       | •        | 1.       | 1.5      | 2.5        | . 4        | <b>o</b> \$. |            |             |             |             |             | •     | 14.3                  |
| ESE                     | •        | • 3      | 1.4      | 1.5        | 1.5        | **           |            |             |             |             | 1           |       | 1 • 7                 |
| SE                      | •        | •        | •        | 2.2        | 1.3        | • ?          |            |             |             | i.          |             | 1 .   | 11.                   |
| SSE                     | •        | 1.       | 3.2      | 1.6        |            |              |            |             |             | I           | 1           | •:    |                       |
| 5                       | 1.7      | 1.       | 3 • 2    | • 9        | • 2        | • 2          |            |             |             | <u> </u>    |             | • t.  | 7.                    |
| SSW                     | •        | 1.       | 1.8      | 1.1        | • 1        |              |            |             |             |             |             | •     | G ●                   |
| sw                      |          | 2.       | 1.2      | 1.5        | • <u>5</u> | • 1          |            |             |             |             |             |       | 7.                    |
| wsw                     | -        | 1.2      | 1.7      | 1.         | 1.0        | • 1          |            |             |             |             |             | •     | 1                     |
| w                       | • 2      | 1.6      | 2.4      | 2.3        | • 1        | • 4          |            |             |             |             | <u> </u>    | • 19  | . •                   |
| WNW                     | .1       | 1.0      | 1.7      | 1.4        | ,2         | • 3          | . ?        |             |             |             |             | . 7   | 1 : •                 |
| NW                      | .4       | 1.       | 1.5      | 2.2        | . 4        | • 7          |            | <u> </u>    |             |             |             | ι.    | 1                     |
| NNW                     |          | •        | 1.4      | 1.6        | 1.1        | ٠,           | . 4        |             |             |             |             |       | 15.                   |
| VARBL                   | •        |          |          |            |            |              |            |             |             |             |             | •     | 3.                    |
| CALM                    | $\times$ | $>\!\!<$ | $>\!\!<$ | $>\!\!<$   | >>         | >>           | $>\!\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 1.    |                       |
|                         | • 1      | 1 . 3    | 26.7     | 23.7       | 7.6        | 3.5          | . 5        |             |             |             |             | 1 3.3 | . 1                   |

TOTAL NUMBER OF OBSERVATIONS

- 45 - 02 . 3 - TOLOU - 3 34 . OH - 7 17 - 7 - 7 - - 55 - 712 - 144

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | Decree Action to |           |             |                |
|---------|------------------|-----------|-------------|----------------|
| STATION | STATION NAME     |           | YEARS       | MONTH          |
|         | ۸. ۱             |           |             | 1 77-1475      |
|         |                  | CLASS     |             | HOURS (L.S.T.) |
|         |                  |           |             |                |
|         |                  | CONDITION | <del></del> |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6 | 7 - 10 | 11 - 16     | 17 - 21  | 22 - 27  | 28 - 33 | 34 - 40     | 41 - 47  | 48 - 55 | ≥56 | *   | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------|--------|-------------|----------|----------|---------|-------------|----------|---------|-----|-----|-----------------------|
| N                       | •        | 1.2   | 1,     | 1 • 1       |          | • 1      |         |             |          |         |     | •   | 7.                    |
| NNE                     | •        | . 4   | 1.0    | • 2         |          |          |         |             | I        |         |     |     | •                     |
| NE                      | . 7      | •     | 1.5    | • t         |          |          |         |             |          |         | i   | •   | •                     |
| ENE                     | •        | •     | 1.5    | • 5         | • 7      | _        |         |             |          |         |     | •   | · • •                 |
| E                       | •        | 1.3   | 1.7    | 2.5         | • 14     | • •      |         |             |          |         | i   | •   | 11.                   |
| ESE                     | •        | •     | 1.2    | 1.5         | • ^      |          |         |             |          |         |     | •   | 1 . • 5               |
| SE                      | •        | • 5   | 2.2    | 2.0         | 1.       | • 1      |         |             |          |         |     | . 7 | 11.                   |
| SSE                     |          | 2.    | 2.3    | 3.          | • `      |          |         |             |          |         |     | •   | •                     |
| 5                       | •        | 4.3   | 4.     | • 6         | • 7      |          |         |             |          |         |     | 7   | •                     |
| ssw                     | • 4      | 1.    |        | 1.6         | ٠        |          |         |             |          |         | Ĭ   | •   | •                     |
| SW                      |          | 1.7   | 2.2    | 1 . 4       | - 4      |          |         |             |          |         |     | • 1 | . • ?                 |
| wsw                     | •        | 1.2   | 1.     | 1.6         | • ';     |          |         |             |          |         |     | • • | 1                     |
| w                       |          | 1.1   | 3.3    | 1.0         | • 6      | • i      |         |             | <u>i</u> |         |     | 7.  | 1 1                   |
| WNW                     | •        | 1.1   | 2.7    | 1.7         | . 7      | . 4      | • 7     |             |          |         |     | •   | 11.                   |
| NW                      |          | 1.3   | 4      | . ĵ• o      | • £      | • *      |         |             |          |         |     | . 9 | 1 .                   |
| NNW                     | •        | ز .   | • 5    | 2.3         | 1.2      | • i      | •       |             |          |         |     |     | 1 .4                  |
| VARBL                   |          | • 1   | . 1    |             |          |          |         |             |          |         |     | •   | . 3                   |
| CALM                    | $\times$ | ><    | > <    | $\supset <$ | $\times$ | $\times$ | ><      | $\geq \leq$ |          |         |     | •   |                       |
|                         |          | 14.9  | 34.6   | 27.5        | 5.3      | 2.1      | • 5     |             |          |         |     | ,   | 11                    |

TOTAL NUMBER OF OBSERVATIONS

CO AC CELMATCEDON SPANCH STOTAL W. CONTRA SPOVIC ZMAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | ک <b>۵ ک</b> | * <b>-</b> ₽, |       | r •            |
|---------|--------------|---------------|-------|----------------|
| STATION | STATION NAME |               | YEARS | МОНТИ          |
|         |              | _ ALL EATIE   |       |                |
|         | <del></del>  | CLASS         |       | HOURS (L.S.T.) |
|         |              |               |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 · 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56         |       | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-------------|-------|-----------------------|
| N                       |       | 1.    | 1.     | 1.5     | • 6     |         |         |         |         |         |             | •     | 1                     |
| NNE                     | • `   | •     | • 4    | • •     |         |         |         |         |         |         |             | . •   | • .                   |
| NE                      | •     | • 11  | 1.     | • (1)   |         |         |         |         |         |         |             |       | • '                   |
| ENE                     |       | •     | 1.1    | • 6     | • 3     |         |         |         |         |         |             | 3.:   | • 9                   |
| E                       | •     | •     | 1.     | 2.4     | • 5     |         |         |         |         |         |             | • 1   | 11.                   |
| ESE                     |       |       | 1.     | 2.0     | 1.5     | • £     |         |         |         | i       |             |       | ` • I                 |
| SE                      | . 4   | 1.    | 1.     | 1.4     | • .     | • 4     | -       |         |         |         | Ī —         | •     | 7.                    |
| SSE                     |       | 2.3   | 3.5    | 1.9     | • 2     | • 1     |         |         |         |         |             | • 7   | •                     |
| S                       |       | 2.3   |        | 1.      | . 4     |         |         |         |         |         |             | • :_  | • :                   |
| SSW                     | •     | 1.5   | 3.0    | 1.3     | • 6     |         |         |         |         |         |             | • •   |                       |
| SW                      |       | 2.2   | 2.7    | 1.2     | . 3     | • 2     |         |         |         |         |             | •     | • •                   |
| wsw                     | • .   | •     | 1.6    | • 9     | • 2     |         |         |         |         |         |             | . •   | y • 1                 |
| w                       | . 1   | 1.5   | 2.2    | 1.3     | . 3     | • 1     |         |         |         |         |             | F: •  | 7.                    |
| WNW                     | • 0   | 1.4   | 4 . 2  | 2.6     | 7       |         |         |         |         |         |             | 1 2   |                       |
| NW                      |       | 1.7   | 2.3    | 1.7     | 5       | • 5     |         | • 1     | l       |         |             | • 5   | 12                    |
| NNW                     | •     | •     | 1.5    | 2.0     | 1.1     | • 3     |         |         |         |         |             | •     | 10.3                  |
| VARBL                   | •     | • 3   |        |         |         |         |         |         |         |         |             | •     | . 4                   |
| CALM                    | ><    | ><    | ><     | ><      | ><      | ><      | ><      |         | $\geq$  |         | $\geq \leq$ | 4.    |                       |
|                         | •€    | 3.0   | 32.    | 22.9    | 7.9     | 3.2     | . B     | . 1     |         |         |             | 1 3.5 | .,7                   |

TOTAL NUMBER OF OBSERVATIONS

AN CETY TOLOU 1 24 CH 1 TW 2 TT H SENTED 141 PERCENTAGE FREQUENCY OF WIND

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 2 .   | Lagranda Artika | ** <b>-</b> ⊁_ |             | ŗ              |
|---------|-----------------|----------------|-------------|----------------|
| STATION | STATION NAME    |                | YEARS       | MONTH          |
|         |                 | ALL TAINE      |             | _n-: o _       |
|         |                 | CLASS          | <del></del> | HOURS (L.S.T.) |
|         |                 |                |             |                |
|         |                 | CONDITION      |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6 | 7 - 10           | 11 - 16 | 17 - 21  | 22 - 27  | 28 - 33    | 34 - 40 | 41 - 47  | 48 - 55  | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------|------------------|---------|----------|----------|------------|---------|----------|----------|-----|-------|-----------------------|
| N                       | •        | 1.    | 1.               | 1.2     | •        |          |            |         |          |          |     | • .   | 1                     |
| NNE                     |          | • 3   | • <sup>6</sup> . | • 4     |          |          |            |         |          |          |     | . • . | • .                   |
| NE                      |          | • 5   | • <sup>Q</sup>   | • !     |          |          |            |         |          |          |     |       | • ?                   |
| ENE                     | • '      | •     | 1.9              | ? •     | , .7     |          |            |         |          |          |     | •     | ( • -                 |
| E                       |          | • 3   | 1.4              | £_0 °   | • 5      |          |            |         |          |          |     |       | 11.                   |
| ESE                     |          | • 5   | • •              | 1.7     | 1.2      | . 4      | •          |         |          | i        |     |       | 1 7                   |
| SE                      | •        | •     | 1.3              | 1.4     | , 1      | . 4      |            |         |          |          |     |       | 1 .                   |
| SSE                     | . 2      | 1.5   | 1.8              | . 0     |          |          |            |         |          |          |     |       | • :                   |
| \$                      | •        | 2.0   | 2.7              | 1.1     | 3        | • 1      |            |         |          |          |     |       | 7 •                   |
| ssw                     | 1.2      | 2.    | 3.0              | _ • C   | • 5      | • 1      |            |         |          |          |     |       | 0.6                   |
| SW                      |          | 1.1   | 2.4              | 1.1     | • 3      |          |            |         |          |          |     |       | - € 2                 |
| WSW                     |          | 1.    | 2.2              | .6      | • 5      |          |            |         |          |          |     |       | H.5                   |
| w                       |          | 2.    | 1.               | 1.1     | . 2      | _ • 1    |            |         |          | <u> </u> |     |       | • 1                   |
| WNW                     |          | 1.3   | 2.5              | 1.4     | • 2      | • 3      | • 1        |         |          | <u> </u> |     |       | 1                     |
| NW                      |          | • 5   | . 9              | 1.6     | , F,     | • 4      | • <b>4</b> |         |          |          |     | •     | 14.4                  |
| NNW                     |          |       | 1.               | 2.4     | . 6      | • 5      | • 1        | • 2     |          |          |     | • 5   | 14.7                  |
| VARBL                   | •        | • .   | . 2              | • 1     |          |          |            |         |          |          |     | •     | 7 • 3                 |
| CALM                    | $\times$ | ><    | $\times$         | ><      | $\times$ | $\times$ | ><         | ><      | $\geq <$ | ><       |     | 1 •   |                       |
|                         | i1.      | 17.3  | 25.2             | 20.3    | 7.7      | 2.8      | ٩          | • 2     |          |          | T   | 1 2.3 |                       |

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY BRANCH ETA: A SATE IN SERVICE MAS PERCENTAGE FREQUENCY OF WIND

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | 7 +85       | MONTH          |
|---------|--------------|-------------|----------------|
|         |              | ALL FEATHER | 140-0400       |
|         |              | CLASS       | HOURS (L.S.T.) |
|         |              | CONDITION   |                |
|         |              |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10 | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56     | *       | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|--------|----------|----------|----------|----------|---------|---------|---------|----------|---------|-----------------------|
| N                       |       | • ;         | 2.4    | 1.?      | • 7      |          |          |         | İ       |         |          | .:      | 10.5                  |
| NNE                     |       |             | . "    | ٠ ٦      |          |          |          |         |         |         |          | . •     | ٥.                    |
| NE                      |       |             | • 0    | •        |          |          |          |         | l – –   |         |          | • 5     |                       |
| ENE                     | 1     | •           | 1.3    | 1.5      | , 1      |          |          |         |         |         |          | 4.      | • 5                   |
| E                       |       | • 2         | 1.7    | 6        | • 6      |          |          |         |         | 1       |          | 1 .1    | 11.2                  |
| ESE                     | •     | • 5         | 1.2    | 1.5      | . 1      | · ť      | • 7      |         |         |         |          | • 1     | 3                     |
| SE                      | •     | 1.          | •      | 1.4      | 1.7      |          |          |         |         | 1       | !        | • 5     | 1                     |
| SSE                     |       | 2.7         | 1.1    | 1+6      | • 1      |          |          |         |         |         | 1        | •       | t.:                   |
| S                       | 1.1   | 2.          | 2.7    | • 6      | • 3      |          |          |         |         |         |          | . •     | •                     |
| ssw                     | 1.    | 1.6         | 2.2    | 1.1      | . 4      |          |          |         |         |         | <u> </u> | ٠٠      | l                     |
| sw                      | 1.2   | 1.          | 2.7    | • 9      | • -      | • 7      | •        |         |         |         |          | •       | ~ • !                 |
| wsw                     |       | 1.          |        | 1.6      | • 3      | • 1      |          |         |         |         |          | υ.      | ç                     |
| w                       |       | 1.5         | 1.7    | . 4      | • .      | • 1      |          |         |         |         |          | 5       | 1                     |
| WNW                     | . 4   | •           | 1.7    | 2.       | • 5      | • 3      |          |         |         |         |          | •       | 11.                   |
| NW                      |       | • 4         | 2.3    | 1.7      | •6       | • 3      | • ?      |         |         |         |          | •       | 12.2                  |
| NNW                     |       | • ?         | 1.2    | 1.4      | • 9      | 1.0      | . 4      |         |         |         |          | • 2     | 15.7                  |
| VARBL                   |       |             | •      |          |          |          |          |         |         |         |          | • 2     | . •                   |
| CALM                    |       | $\geq \leq$ | ><     | $\times$ | $\times$ | $\times$ | $\times$ | ><      | ><      |         |          | 1 - • 2 |                       |
|                         | 19.3  |             | 27.3   | 20.3     | 6.7      | 2.6      | 1.3      |         |         |         |          | 1       | t • 5                 |

TOTAL NUMBER OF OBSERVATIONS

AN CLIMATOLOGY FRANCH TA FAT THE SERVICES (AND

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         | A . A .      | 1 <b>- C</b> 1 |             | <b>5</b> - €   |
|---------|--------------|----------------|-------------|----------------|
| STATION | STATION NAME |                | YEARS       | MONTH          |
|         |              | ALL IAT E      |             | L              |
|         |              | CLASS          |             | HOURS (L.S.T.) |
|         |              |                |             |                |
|         |              | CONDITION      | <del></del> |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6 | 7 - 10            | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 46 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------|-------------------|---------|---------|----------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       |                   | •     | 1.                | 1.4     | 3       | • .`.    |         |         |         |         |     | . 4   | 1°                    |
| NNE                     | •                 | . 4   | . 7               | • "     | •       |          |         |         |         |         |     | . •   | . 9                   |
| NE                      | _                 | •     | 1.2               | ۰,6     |         |          |         |         |         |         |     | →     | ٠ ٤                   |
| ENE                     | •                 | •     | 1.3               | 1.      | • 4     | • "      |         |         | I       |         |     | 3     | 7 6                   |
| E                       | . 3               | •     | 1.5               | ∴.2     | • 6     | •        |         |         |         |         |     |       | 11.3                  |
| ESE                     |                   | • 5   | 1.7               | 1.7     | 1.7     |          | • 1     |         | I       |         |     |       |                       |
| SE                      |                   | •     | 1 • "             | 1.7     | . 3     | •        |         |         |         |         |     | . 5   | 11.                   |
| SSE                     | . ?               | 1.    | 2.3               | 1.7     | •       | •        |         |         |         | 1       |     | • 5   | •                     |
| S                       | • 1               | 2.1   | 2.7               | • 0     | •       | • 1      |         |         |         |         |     | • :   | •                     |
| SSW                     | •                 | 1.    | 2.2               | 1.      | . 4     | • 1      |         |         |         |         |     | •     |                       |
| SW                      | 1.                | 1.    | 2.3               | 1.4     | • 6     | •        | • 1     |         |         |         |     |       | ; • 3                 |
| wsw                     | •                 | 1.4   | 1.                | 1.3     | •5      | • 1      |         |         | I       |         |     | I •   | 9.7                   |
| *                       | 1.2               | 1.    | 2.                | 1.5     | •       |          |         |         |         |         |     | •     |                       |
| WNW                     |                   | 1.3   | 2.4               | 1.5     | •       | • :      | • 1     |         |         |         |     | . 4   | • 0                   |
| NW                      |                   | 1.1   | 2.1               | 1.9     | • 5     | ٠,       | • 2     | •       |         |         |     | . 5   | 12.                   |
| NNW                     | •                 | • 4   | 1.2               | 1.8     | • 2     | • Ł.     |         | • 1     |         |         |     | • 2   | 14.                   |
| VARBL                   | •                 | • 1   | • 1               | •       |         |          |         |         |         |         |     | •     | 4.7                   |
| CALM                    | $\supset \subset$ | >>    | $\supset \subset$ | >>      | > <     | $\times$ | >>      | ><      | ><      |         | ><  | 1.    |                       |
| <u> </u>                | . 7               | 1 • 9 | 21.7              | 21.9    | 7.9     | 3.1      | . 7     | • 1     |         |         |     | : 3.1 | ,                     |

TOTAL NUMBER OF OSSERVATIONS

THE TAL CLIMATOLOGY BRANCH
THETAL

FOR CATHER SERVICIANS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

| 1 2 1   | LAUS A. A.   | 7 ( = 0 1 |       | : _ <b>i</b> . |
|---------|--------------|-----------|-------|----------------|
| STATION | STATION NAME |           | YEARS | MONTH          |
|         |              | ALL EATHL |       | L              |
|         | <del></del>  | CLASS     |       | HOURS (L.S.T.) |
|         |              |           |       |                |
|         |              | 0.000,000 |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47 | 40 - 55     | ≥54      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|----------|----------|----------|----------|----------|---------|---------|-------------|----------|-------|-----------------------|
| N                       |             | 1.       | 7.       | 1.,      | • ?      |          |          | •       |         |             |          | • >   | 2.7                   |
| NNE                     |             | 1.1      | 1.2      | . 4      | • ~      | •        | •        |         |         |             |          | • •   | •                     |
| NE                      |             | • .      | 1.1      | . 3      | <u>•</u> | •        |          |         |         |             |          |       | 5.                    |
| ENE                     |             | 1        | 1.3      | . 7      | . 1      | • `      |          |         |         |             |          |       | 7.08                  |
| E                       |             | 1.3      | 1.7      | 1.3      | • ?      | • 1      |          |         |         |             |          | • -   |                       |
| ESE                     |             | •        | 1.0      | . 7      | • .      | • 1      | •        |         |         |             |          |       | • •                   |
| SE                      |             | 1.1      | 1.4      | ۶.       | 9 12     | • 1      |          |         |         |             |          | ÷ •   | •                     |
| SSE                     | 1.          | 1.       | 2.1      |          | • 1      | •        | • [      |         |         |             |          |       | ,                     |
| 5                       | 1           | 1.6      | 1.6      | • 9      | • 3      | • 1      | •        |         |         |             |          | 5.    | 7.                    |
| SSW                     |             | 1.1      | 1.4      | 1.       | • 3      | • 1      | •        |         |         |             |          | 4.    | 9.                    |
| sw                      | •           | 1.       | :<br>[2  | 1.4      | 4        | •        |          | •       |         |             |          |       | 9.                    |
| wsw                     |             | 1.2      | 1.5      | 1.0      | • 3      | • 1      | •        | ب و     | [       |             |          | •     | 8.                    |
| w                       | 1.          | 1.5      | 1.3      | • 3      | • ?      | • 1      | •        | • 0     | • ^     |             |          | • 1   | <i>ī</i> • '          |
| WNW                     | • 7         | 1.       | 2.       | 1.5      | . 4      | • 1      | •        | • ~     |         |             |          | • .   | 9.                    |
| NW                      | •           | 1.       | 3.1      | 2.9      | • 5      | • 3      | • 1      | •       |         |             |          | • 1   | 1 •                   |
| NNW                     | •           | 1.       | 7        | 2.9      | , c      | • 3      | • 1      | • ^     |         |             |          | •     | 11.                   |
| VARBL                   | •           | • 2      | • 2      | •        | • 3      |          |          |         |         |             |          | •     | 5 •                   |
| CALM                    | $\boxtimes$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | ><      | ><      | $\supset <$ | $>\!\!<$ | 17.   |                       |
|                         | 10.         | 27.9     | 28.8     | 19.3     | 4.6      | 1.6      | . 3      |         | • 3     |             |          | 1 0.5 | 7.                    |

TOTAL NUMBER OF OBSERVATIONS . <u>7555</u>

AL CELMITOLOUS FRA CHISTAG STAC EATSCH SERVIC STAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1       | A 4 1 11+61                                   | . L            |
|---------|---|----------------|
| STATION | STATION NAME YEARS                            | MONTH          |
|         |   | . L            |
|         | CLASS   | HOURS (L.S.T.) |
|         | CIG . Tr - > 1400 FT % / VS./Y 1/2 MI 0 4576, |                |
|         | CONDITION                                     | <b></b>        |
|         | AN 700 VS 1/2 To 2+1/2 of 7015 100 FT 60 MOS  |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6 | 7 - 10      | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47     | 48 - 55  | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-----|-------------|----------|----------|----------|----------|---------|-------------|----------|-----|-------|-----------------------|
| N                       |             | 1.0 | ₹ <u>•1</u> | 2.2      | •        | •        | •        |         |             |          |     | • 6   | •                     |
| NNE                     |             | 1.2 | <b>,</b> ¢  | •<br>53  | • 1      | _ • •    |          |         |             |          |     | • .   | •                     |
| NE                      |             | 1.  | 1.1         | • 6      | • 1      |          |          |         | I           |          |     |       |                       |
| ENE                     | • 3         | •   | 1.7         | 1.3      | • 1      |          |          | Ì       |             |          |     | :•    | 7.                    |
| E                       |             | 1.  | 2.2         | 2.4      | 1.2      | • 7      |          |         |             |          |     |       | 12.                   |
| ESE                     | . 2         | •   | 3.3         | 1.7      | • 👨      | • 4.     | • .      |         |             |          |     | •6    | 12.                   |
| SE                      |             | 1.3 | 2.4         | 2.6      | • 7      | • ,      |          |         | <u> </u>    |          |     | . 7   | 10.5                  |
| SSE                     |             | 2.  | 4.1         | 3.6      | . 7      | •        | •        |         |             |          | !   | . • - | ۰ ۶                   |
| \$                      | •           | 1.3 | 2.4         | 2.1      | 1.3      | . 4      | • ;      |         |             |          |     | . 7   | 11.5                  |
| SSW                     | • 1         | •   | 1.2         | 2.1      | 1.5      | • :      | • 1      |         |             |          |     |       | 10.0                  |
| sw                      | •           | . 4 | 1.2         | 1.2      | • 7      | ۰,۶      | • :      |         |             |          |     | 4     | 14.3                  |
| wsw                     | •           | • 1 | • 6         | • 6      | • 3      | • 1      | •        |         |             |          |     | . •   | 13.5                  |
| w                       | •           | • 5 | . 2         | • 3      | • ?      |          |          |         |             |          |     | 1     | •                     |
| WNW                     | •           | .5  | . 9         | 1.4      | • 1      | • !      | • 1      |         | -           |          |     | .4    | 1 . 5                 |
| NW                      |             | 1.  | 2.:         | 2.0      | • 5      | • 1      |          | • 1     |             |          |     | • .   | 13.2                  |
| NNW                     |             | 1.1 | 3.3         | 3.2      | 1.       | • 3      | • 1      | • 1     |             |          |     | .9    | 11.3                  |
| VARBL                   | •           | • 1 | • 1         |          |          |          |          |         |             |          |     | • .   | J                     |
| CALM                    | $\geq \leq$ | > < | >           | $\times$ | $\times$ | $\times$ | $>\!\!<$ | $\geq$  | $\geq \leq$ | $\times$ | ><  | • • : |                       |
|                         | , 5         | 16. | 37.7        | 28.9     | 1 2      | ٠. ٩     | • 6      | .1      |             |          |     | 170.0 | 10.5                  |

| TOTAL NUMBER | <b>O</b> F | OBSERVATIONS | .71 |  |
|--------------|------------|--------------|-----|--|

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         |        | STATIO      | N NAME   |          |         |         |         | ¥       | EARS    |         |          |      | ONTH                  |
|-------------------------|--------|-------------|----------|----------|---------|---------|---------|---------|---------|---------|----------|------|-----------------------|
|                         | -      | <del></del> |          |          | C1      | A88     |         |         |         |         |          | Houl | PB (L.S.T.)           |
|                         | -      |             |          |          | CON     | DITION  |         |         |         |         |          |      |                       |
| SPEED<br>(KN75)<br>DIR. | 1 - 3  | 4 · 6       | 7 - 10   | 11 - 36  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56      | *    | MEAN<br>WIND<br>SPEED |
| N                       |        |             |          |          |         |         |         |         |         |         |          |      |                       |
| NNE                     |        |             |          |          |         |         |         |         |         |         |          |      | I                     |
| NE                      | i      |             |          |          |         |         |         |         |         |         |          |      |                       |
| ENE                     |        |             |          |          |         |         |         |         |         | _       |          |      |                       |
| E                       |        |             |          |          |         |         |         |         |         |         |          |      |                       |
| ESE                     |        |             |          |          |         |         |         |         |         |         |          |      |                       |
| SE                      |        |             |          |          |         |         |         |         |         |         |          |      |                       |
| SSE                     |        |             |          |          |         |         |         |         |         |         |          |      |                       |
| S                       |        |             |          |          |         |         |         |         |         |         |          |      | I                     |
| SSW                     |        |             |          |          |         |         |         |         |         |         |          |      |                       |
| sw                      |        |             |          |          |         |         |         |         |         |         |          |      |                       |
| WSW                     |        | <u> </u>    | <u></u>  |          |         |         |         |         | ļ<br>   |         |          |      | <u> </u>              |
| w                       |        |             |          |          |         |         |         |         |         |         | L        |      |                       |
| WNW                     |        |             |          | ļ        |         |         |         |         |         |         |          |      | <u> </u>              |
| NW                      |        |             | <u> </u> | <u> </u> | L       |         |         |         |         |         |          |      | <b></b>               |
| NNW                     |        |             | l        |          |         |         |         |         |         |         | 1 4      |      | ļ                     |
| VARBL                   |        |             | <u></u>  |          | Ļ       |         |         |         |         |         | <u> </u> |      |                       |
| CALM                    | $\sim$ | $\sim$      | ><       | ><       | ><      | ><      | ><      | ><      | $\sim$  | ><      |          |      | 1                     |

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART D

#### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING                 |             |        |         |       |              |              | VI     | SIBILITY (S       | TATUTE MI   | LESI |      |             |                 |              |              |           |
|-------------------------|-------------|--------|---------|-------|--------------|--------------|--------|-------------------|-------------|------|------|-------------|-----------------|--------------|--------------|-----------|
| (FEET:                  | '<br>  ≥ 10 | · 6    | ≥ 5     | ` ≥ 4 | ≥ 3          | ≥ 2 1/2      | ≥ 2    | 21/2              | 211/4       | ≥ 1  | ≥ ¾  | ≥ 3/0       | . ≥ 1/2         | ≥ 5/16       | ≥ <b>¼</b>   | ≥ 0       |
| NO CEILING              |             |        |         |       |              | 1            |        |                   |             |      | ·    |             | ·<br>~          |              |              | ·         |
|                         |             |        | <u></u> |       |              | 1            | ·      |                   |             |      |      |             |                 | · · · · · ·  |              | $\succeq$ |
| ₹ 1800<br>₹ 1500        |             | !      |         |       | ! 91.0       |              | !      | ł                 | į į         |      |      | [<br>]<br>] |                 |              |              | 92.6      |
| ≥ 1200<br>≥ 1000        |             | 1 '    |         |       |              | , -<br>      | •      | <del>-</del><br>i |             |      |      |             |                 |              |              |           |
| ≥ 900<br>≥ <b>80</b> 0  |             |        | ,       | •     | •            | •            |        |                   |             |      |      | -           |                 |              | i            |           |
| ≥ 700                   |             |        |         |       | •            |              |        |                   |             |      | <br> |             |                 | <u> </u>     |              |           |
| ≥ 600<br>≥ 500<br>≥ 400 |             | !<br>! |         |       | <u>.</u><br> |              | ·<br>• | :<br>             |             | 97.4 |      |             |                 |              | !<br>        | 98.1      |
| ≥ 300<br>≥ 200          | <b>-</b>    |        |         |       |              | <del>-</del> |        |                   | <del></del> |      |      |             | <del> </del> —— |              | <del>-</del> | <u> </u>  |
| ≥ 100<br>≥ 0            |             |        |         |       | 95.4         | ļ·           | 96.9   | •                 | †           | 98.3 |      |             |                 | <del> </del> |              | 100.      |

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq$  0. For instance, from the table: Ceiling  $\geq$  1500 feet = 92.6%. Ceiling  $\geq$  500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table: Visibility  $\geq 3$  miles = 95.4%.

  Visibility  $\geq 2$  miles = 96.9%.

  Visibility  $\geq 1$  mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

#### ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility > 1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

CLUMAE CLIMATOLOGY BRANCH ITURETAC A LEATEON SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 201

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LAUES AT AL

72-31

14.

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBLE STATUTE MILES (FEE') ≥5/10 2 ∂ 33.6 33.0 \*3.6 33.5 NO CERUNO 73.4 33.4 33.6 33.6 33.t. 33.6 33.t 37.6 73.4 > 20000 36.4 36.4 30.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4 76. 30.4 36.4 36.4 36.4 36.4 \*6. ≥ 15000 36.4 36.4 36.4 36.4 36.4 35.4 36.4 ≥ '4000 36.4 3 - 4 ≥ 2000 30.4 36.4 36 . 4 30.4 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37.1 ≥ 9000 ≥ 9000 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37.1 77.1 37.1 37.1 37.1 37.1 7.1 39.0 39.0 39.0 39.0 39.0 ≥ 8000 39.0 39.0 39.0 39.0 39.0 39.0 39. 31. 37. 39. 3 39. 79.5 19. ≥ 7000 39<u>.0</u> 39.0 39.1 39.0 34.0 37.0 37.0 39. 3 <u>9 .</u> 39.3 39.0 79.0 39.7 39.5 39.5 ≥ 6000 ≥ 5000 38.9 39.0 39.0 39.3 39.7 39.0 39.0 39.5 30. 39.3 39.5 32.5 39.5 39.5 37.5 32.5 39.4 39.4 79.9 39.9 39.9 10.3 79. ≥ 4500 33.4 39.7 39.8 39.9 39.9 39.9 39.9 39.9 39.9 ≥ 4000 50.0 50.0 50.0 50.0 49.9 49.9 50.0 50.0 50.0 50.0 <u>49.5</u> 3500 64.d 85.2 25.6 +5.6 93.3 > 3000 93.3 93.3 93.3 91.4 92.6 93.2 93.2 93.3 93.3 93.3 92.3 73.6 93.9 71.9 92.8 72.1 93.0 93.0 93.6 93.2 93.9 93.8 93.8 94.0 94.0 93.8 93.7 93.3 94.0 94.0 94. 93.3 83. 2500 93.9 93.3 ?3.5 93.4 94.3 .4 . ( 94.0 94.2 94.2 94.2 94.3 94.2 94.2 34.2 74.2 44.2 92.3 94.1 ≥ 1800 ≥ 1500 93.4 94.1 94.2 93.2 950 29<u>•₹</u> 98.0 98. 98.5 98. 98.6 95.3 94.8 95.4 96.8 97.8 97.8 98.0 96.2 1200 \$6.d 97.4 99.2 99.2 99.5 98.2 99.2 99.4 99.6 19.7 ≥ ,000 97. 96.Q 900 ç6. 97.8 ·6.4 98.1 98.4 99.6 99.6 98.1 99.7 99.9 98.4 700 99.6 <u> 99.7 99.9 99.9 99.9 99.9 99.9178.0188.0188.0188.0188.7188.</u> 600 96.4 66.4 98.1 98.4 98.4 99.9 99.9 99.9 99.9100.0100.0100.3130.7170. 99.6 99.7 99.9 ್6.2 98.1 98.1 99.6 99.7 99.9 400 76.4 99.6 98.1 99.7 99.9 79.9 99.9 99.9 99.9100.0100.0100.0100.0100.01 300 76.2 98.4 99.7 99.9 99.9 99.9 99.9 99.0 130.0120.0150.0150.0150.0150.0 98.4 99.6 98.1 96.2 06.2 98.1 98.4 99.6 99.7 99.9 100 

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_

EL TAL CLIMATOLOGY BRANCH US AFETAC AT VEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1720 LAUES AS AZ

72-81

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\*\*\*\*\*\*\*\*\*\*\*

| (Et No           |       |              |              |                  |      |      | v:S  | B . * S* | ATUTE MILI | <b>E</b> S |       |      |          |        |                |           |
|------------------|-------|--------------|--------------|------------------|------|------|------|----------|------------|------------|-------|------|----------|--------|----------------|-----------|
| (FEET)           | ≥ '\$ | ≥ 6          | ≥.5          | ≥ 4              | ≥ 3  | ≥2%  | ≥ 2  | ≥ . %    | 21%        | 2 '        | 2 4   | ≥ %  | 27       | ≥ 5/16 | 2 4            | 2.0       |
| NO CERTING       |       | .? → 4       | 2 / . 4      | 29.5             | 20.5 | 27.5 | 29.5 | 79.5     | 50°£       | 25.5       | 27.5  | 29.5 | 27.5     | 27.0   | . 7. 2         | 7901      |
| ≥ 20000          |       | 72.2         | 32.3         | 32.3             | 32.3 | 32.3 | 32.3 | 32.3     | 32.3       | 32.3       | 32.3  | 32.5 | 32.3     | 32.3   | 32.4           | 32.4      |
| ≥ 18000          |       | 7.2 • 2      | 32.7         | 32.3             | 32.3 | 32.3 | 32.3 | 32.3     | 32 • 3     | 32.3       | 32.3  | 32.3 | 32.3     | 32.3   | 32.4           | 34.4      |
| ≥ 610x.          |       | 7, 63        | 32.3         | 32.4             |      |      | 32.4 |          |            |            |       | 32.4 | 32.4     | 32.4   | 32.5           | 3         |
| ≥ '4000          |       | 32 • 4       | 32.4         | 32.7             | 32.7 |      | 72.7 | 32.7     | 32.7       | 32.7       |       | 32.7 | 32.7     | 72.7   | 32.•3          | 7.2       |
| \$ .500C         |       | 32.3         | 32.7         | 32.8             | 32.9 |      | 32.8 |          |            |            | 3.7.0 | 32.5 | _3 0     | 72.3   | 77.07          |           |
| ≥ 9000<br>≥ 9000 |       | 13.4         | 33.4         | 33.5             |      |      | 33.5 |          | 33.5       | 33.5       | 33.5  | 33.5 | 33.5     | 33.5   | 37.5           | 73.1      |
| L                |       | 33.7         | 33.7         | 33.8             |      |      |      |          | 33.8       |            |       | 33.6 |          |        | 37.0           |           |
| ≥ 8000<br>≥ 7000 |       | 35.6         | 1 1          | 35.7             |      |      |      | 35.7     | 35.7       | 35.7       | 35.7  | 35.7 | 3 . 7    | 35.7   | 35.€           | ?5.4      |
| <b>├</b>         |       | 30.0         | 36.0         | 36.1             |      |      |      | 36.1     | 36.1       | 36.1       | 36.1  | 35.1 | 35.1     | 36.1   | 35.0           | 7 e • 2   |
| ≥ 6000<br>≥ 5000 |       | 35.∙0        | 1 - 1        | 36.1             |      |      |      | 36.1     | 36.1       | 36.1       | 36.1  |      | 36.1     | 36.1   | ±( • 2         | 36.3      |
|                  |       | <u> 35.2</u> |              |                  | 36.5 |      |      |          |            | 36.5       |       |      |          |        | 25.5           |           |
| ≥ 4500<br>± 4000 |       | 3:7          | 36.7         | 36.8             |      |      | 37.d |          |            | 27.0       |       |      |          | 37.    | 7.1            |           |
|                  |       | 4 7 . 1      | 47.2         | 49.3             | 49.5 |      |      |          |            | _          |       | -    |          |        | 47.5           |           |
| ≥ 3500<br>≥ 3000 |       | 71.9         |              | 83.              | 83.4 |      |      |          |            |            |       |      |          |        |                | 53.5      |
|                  |       | 85.9         |              | ?1.4             |      |      |      |          | 92.1       | 02.1       | 92.1  | 25.7 | <u> </u> | 72.1   | 42.2           |           |
| ≥ 2500           |       | 90.3         | 91.4         | 91.8             |      |      |      |          |            |            | -     | 25.6 | 42.5     |        | 72.7           | 32.7      |
|                  |       | 00.5         |              |                  | 92.8 |      |      |          |            |            |       |      |          |        | •              | - 3       |
| ≥ 1890           |       | 90.5         |              | 97.1             |      |      | _    |          |            |            |       |      | 1        |        | • • •          |           |
| L                |       | 73.9         |              | 76.6             |      |      |      |          |            |            |       |      |          |        |                | 07.7      |
| ≥ 1200           |       | 74.8         |              | 77.6             |      |      |      | - 1      |            |            | 99.   | 99.7 | 99.7     | 49.3   | 79.1           | 79.1      |
|                  |       | 34.9         |              |                  |      |      |      |          |            |            |       | 99.5 | 99.2     | 99.5   |                | 39.4      |
| ≥ 900<br>≥ 800   |       | _ ≎5•:       | 96.9         | 97.8             |      |      | 99.2 |          |            |            |       |      |          |        |                | 99.6      |
|                  |       | 95.2         | 97.1         |                  | 99.2 |      |      |          |            |            |       |      |          |        |                |           |
| ≥ 700<br>≥ 600   | 1     | 95.2         | 97.n         | 98.0             |      | . 7  |      |          |            |            |       |      |          |        |                |           |
|                  |       | 95.2         | 97.          | 78.0             | 99.2 |      |      |          | 99.8       |            |       |      |          |        |                |           |
| ≥ 500<br>> 400   |       | 95.2         | 97.          | 98.0             | 99.2 |      | - 1  |          |            |            |       |      | - 1      |        | -              | 05.0      |
|                  |       | 95.2         |              | 98.0             | 99.2 | 99.2 | 99.5 |          | 99.9       |            |       |      |          |        |                | 1 C . J   |
| 2 300 2 200      | ı     | ₹5.1         | 97.1<br>97.1 | 98 . 1<br>98 . 1 | 99.4 | 1    |      |          |            |            |       |      |          |        |                | 1 . U • U |
|                  |       |              |              | 98.1             |      |      |      |          | 99.9       |            |       | 99.9 |          |        | 100.0          |           |
| ≥ 100            |       | 55.3         | 97.1         |                  |      |      |      |          |            |            |       | 99.9 |          |        |                |           |
| الـــــــــا     |       | 95.3         | 97.1         | 98.1             | 99.4 | 99.4 | 99.5 | 44.8     | 77.7       | 44.4       | 77.5  | 44.4 | 77.9     | 44.    | <u> 1 00.0</u> | 1 - U • · |

TOTAL NUMBER OF OBSERVATIONS

LE MAI CLIMATOLOGY PRANCH - FETAC AT LIFETHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIL NO             |      |              |              |                  |              |              | <b>-</b> :S  | в. • 5•      | ATUTE MILI   | ES.          |       |               |              |              |                                       |                |
|---------------------|------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|---------------|--------------|--------------|---------------------------------------|----------------|
| (FEET)              | ≥ '0 | ≥ 6          | ≥ 5          | ≥ 4              | ≥ 3          | ≥2%          | ≥;           | ≥ %          | ≥1%          | ≥,           | ≥ 4   | ≥ %           | ≥ ∨          | ≥ 5/16       | <u> </u>                              | <b>≥</b> ¢     |
| NO CEUNG<br>≥ 20000 |      | 27.6         |              |                  |              | 27.6<br>3J.4 |              |              | 37.4         |              | 27.6  |               | 27.5         |              | 27.6                                  | 27.6           |
| ≥ 18000             |      | 73.4         |              |                  |              | 33.4         |              |              |              |              |       |               | 3.4          |              |                                       | 70.4           |
| ≥ 6000              |      | 7 4          |              |                  |              | 33.4         |              |              | 30.4         |              |       |               | 30.4         |              | 32.4                                  | 3 . 4          |
| ≥ 14000<br>≥ 12000  |      | 3. • d       |              | 35.6<br>33.9     |              | 30.6<br>30.9 |              |              | 30•4<br>30•9 |              |       |               | 37.6<br>30.9 |              | 37.6<br>37.0                          | 71.00<br>70.00 |
| 2 200€ ≤            |      | 31.9         | 31.0         | 31.8             | 31.8         | 31.6         | 31.8         | 31.8         | 31.4         | 31.6         | 31.6  | 31.8          | 31.3         | 71.          | 31.5                                  | 71.c           |
| ≥ 800C              | ···  | 34.7         | 32.2         | 32.2             | 32.2<br>35.2 | 32.2         |              |              | 35.2         | 32.2<br>35.2 |       |               | 35.2         | 32.2<br>75.2 | _                                     | 32.2           |
| ≥ 7900              |      | 35.1         | 35.1         | 35.1             | 35.3         | 35.3         | 35.3         | 35.3         | 35.3         | 35.3         | 35.7  | 35.3          | 35.3         | 35.3         | 35.7                                  | 75.3           |
| ≥ 6000<br>≥ 5000    |      | 35.1<br>35.3 | 35.1<br>35.3 | 35 • 1<br>35 • 3 | 35.3         | 35.3<br>35.5 | 35.3<br>35.5 |              |              |              |       | 1 1           | 31.3<br>35.5 | 35.3<br>35.5 | 35.5                                  | 75.3           |
| ≥ 4500<br>± 4000    |      | 3:.5         |              |                  | 35.7         | 35.7         | 35.7         | 35.7         | 35.7         | 35.7         | 35.7  |               | 35.7         | 25.7         | 35.7                                  | 75.7           |
| ≥ 3500              |      | 4 J • 2      |              |                  |              | 48.5<br>53.8 |              |              | 84.0         |              |       | 46.6<br>54.0  | 40.6<br>84.0 | 64.          | <u>49.</u>                            | 4 5 6 7        |
| 2 3006              |      | 90.4         |              |                  |              | 93.D         | 23.1         |              | 93.2         |              |       |               | , 7.2        |              | 17.2                                  | 93.2           |
| 2500                |      | ^).4<br>91.3 | 91.5<br>92.5 |                  | 92.9         |              |              | 93.2<br>94.2 |              | _            | 1     | 1 1           | ÿ ₹ • 2      | 93.2         | +5•0<br>94•0                          | 73.2<br>34.2   |
| ≥ 800               |      | 21.4         |              | 93.1             | 94           |              |              |              | 94.3         |              |       | <del></del>   | 54.3         | 74.3         | ,4 . ?                                | 04.3           |
| ≥ 150C              |      | 34.2         |              | 96.3             |              | 97.7         |              |              |              |              |       |               | 98.7         | 78.0         | 34.7                                  | 9 9 0          |
| ≥ 1206              |      | 04.7         | 96.3         | 97.4             | -            |              |              |              | 99.5         |              |       |               | 98.8<br>99.5 | 98.5         | · · · · · · · · · · · · · · · · · · · | 92.3           |
| ≥ 900<br>≥ 800      |      | 75.1         | 96.6         | 97.5             |              |              |              |              | 99.7         |              |       | - 1           | 90.4         | 99.8         |                                       |                |
| 2 700               |      | 95.2         |              | 97.6             |              |              |              |              |              |              |       | 99.9<br>100.7 |              |              |                                       |                |
| ≥ 600               |      | 95.2         |              |                  |              | 99.6         |              |              |              |              |       |               |              |              |                                       | 170.3          |
| ≥ 500<br>≥ 400      |      | 95.2         |              | 97.6             |              | 99.6         |              |              |              |              |       | 100.0         |              |              |                                       | 186.3<br>185.3 |
| ≥ 300               |      | 75.2         | 96.7         | 97.6             | 99.4         | 99.6         | 99.8         | 99.9         | 99.9         | 100.0        | 100.0 | 100.0         | 130.0        | 100.0        | 100.0                                 | 1'0.0          |
| 2 200               |      | 95.2         |              | 97.6             |              | 99.6         |              |              |              |              |       | 100.0         |              |              |                                       |                |
| 2 0                 |      | 75.2         |              |                  | - 1          | 99.6         | -            | -            | _            | -            |       | 100.0         |              |              |                                       |                |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

LU HAE CETMATGEOCY PRANCH THESTAC HE HATHER SERVICEMAC

## CEILING VERSUS VISIBILITY

1 1 1 1 A JES A A 2 STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| 4.5              |      |        |       |        |           |              | ¥+\$ | B. TY ST | ATUTE MIL      | ES             |       |       |          |       |                |         |
|------------------|------|--------|-------|--------|-----------|--------------|------|----------|----------------|----------------|-------|-------|----------|-------|----------------|---------|
| 1755.4           | ≥ :0 | ≥ 6    | ≥ 5   | ≥ 4    | ≥ 3       | ≥2%          | ≥;   | ≥ //     | 21%            | ≥1             | ≥ 4   | ≥ %   |          | ≥5/16 | 2 4            | ≥¢      |
| NS CEDNS         |      | 1 ° •  | 17.7  | 19.0   | 10.0      | 19.1         | 19.1 | 19.1     | 17.1           | 19.1           | 10.1  | 19.1  | 17.1     | 19.1  | 17.1           | 10.1    |
| ≥ 20000          |      | 25.2   | 24.2  | 26.2   | 26.2      | 20.3         | 26.3 | 26.3     | 26.3           | 26.3           | 26.3  | 2t.3  | 3        | 26.3  | 4.3            | 130 3   |
| ≥ 18000          |      | 3      | 24.2  | 26.2   | [ T . 2   | 75.3         | 25.3 | 26.3     | 26.3           | 26.3           | 25.3  | 26.3  | 26.3     | 26.3  | 76.º           | 26.3    |
| \$ 5.00          |      | 2 1, 2 | 16.2  | 20.2   | 26.2      | 26.3         | 26.3 | 26.3     | 26.3           | 26.3           |       | 26.3  | 20.3     | 26.3  | m f = 3        | ^ 6 • 3 |
| ≥ '4500          |      | 25 • 2 | 21.2  | 26.2   | . 2 t • 2 | 7€.3         | 26.7 | 26.3     | 26.3           | 26.3           | 26.7  | 26.3  | 26.3     | 26.3  | -26.€7         | 76.3    |
| ≥ 2000           |      | 200    | 26.1  | 26.8   | 26.8      | 26.9         | 26.9 | 26.9     | 26.9           | 26.0           |       | 76.9  | 4 . 3    | . 607 | ζό.⊽           | 2.9     |
| 2 1966           |      | 27.6   | 27.6  | 27.6   | 27.6      | 27 <b>.7</b> | 27.7 | 27.7     | 27.7           | 27.7           | 27.7  | 27.7  | 27.7     | 7.7   | 27.7           | 27.7    |
| ≥ 9000<br>≥ 9000 |      | 27.0   | 27.6  | 27.6   | 27.6      | 27.7         | 27.7 | 27.7     | 27.7           | 27.7           | 27.7  | 27.7  | 27.7     | 27.7  |                |         |
| ≥ 8000           |      | 34.7   | 34.9  | 34.9   | 35.2      | 35 • 3       | 35.3 | 35.3     | 35.3           | 35.4           | 35.4  | 35.4  | 35.4     | 35.4  | 35.4           | 75.4    |
| ≥ 1000           |      | 35.2   | 35.4  | 35.4   | 35.6      | 75.7         | 35.7 | 35.7     | 35.7           | 35.6           | 35.A  | 35.5  | 35.8     | 75.5  | 7.0            |         |
| 0000 ج           |      | 35.02  | 35.4  | 35.4   | 35.6      | 35.7         | 35.7 | 35.7     | 35.7           | 35.3           | 35.0  | 35.6  | ٦. ٩. عد | ₹5.4  | 31.8           | 7:•4    |
| ≥ 5000           |      | 75.2   | 3 6 4 | 35.4   | 35.6      | 35.7         | 35.7 | 35.7     | 35.7           | 35.8           | 35.4  | 35.0  | 35.0     | 35.3  | 35.3           | 75.0    |
| ≥ 4500           |      | 3: • 2 | 35.4  | 35.4   | 35.6      | 35.7         | 35.7 | 35.7     | 35.7           | 35.8           | 35.8  | 35.3  | 31.3     | 35.4  | 35.8           | 35.0    |
| ± 400€           |      | 4 . 5  | 4 7   | 48.7   | 48.9      | 49.          | 49.7 | 49.0     | 49.            | 49.1           | 49.1  | 49.1  | 40.1     | 49.1  | 49.1           | 49.1    |
| <b>⊴</b> 3500    |      | 3.4    | 84.1  | 34.3   | 84.6      | 34.7         | 84.8 | 94.8     | € <b>4</b> • ∂ | 84.9           | 54.   | 94.9  | £4.9     | 34.9  | 54.9           | 4.9     |
| ≥ 3000           |      | 87.4   | 90.0  | 20.2   | 71.d      | 71.1         | 91.3 | 91.6     | 91.6           | 91.7           | 91.7  | 91.7  | 91.7     | 91.7  | 71.7           | 71.7    |
| <u> -</u> 2500   |      | 80.6   | 9 2   | 90.4   | 91.2      | 1.3          | 91.5 | 91.a     | 91.3           | 9].0           | 91.7  | 91.7  | 91.0     | e1.0  | 91.9           | 71.7    |
| ÷ 2000           |      | 61.1   | 91.7  | 92 • J | 93.0      | 93.1         | 93.4 | 73.8     | 93.8           | 93.9           | 93.9  | 93.9  | 93.9     | 53.4  | 73.9           | 93.0    |
| .± 800           |      | 71.1   | 91.4  | 92.5   | 93.0      | 93.1         | 93.4 | 93.8     | 93.6           | 93.0           | 53.9  | 93.9  | 9.3.0    | 03.0  | ~ 3 <b>.</b> 9 | 93.0    |
| ± 1500           |      | 63.3   | 94.4  | 94.8   |           |              | 96.6 | 96.9     | 96.9           | 97.            | 97.   | 97.1  | 97.3     |       | 97.0           | 97.0    |
| ≥ 1206           |      | 4.7    | 95.9  | 96.5   | 99.1      | 96.3         | 98.7 | 99.0     | 99.0           | 99.1           | 99.1  | 99.1  | 99.1     | 99.1  | 33.1           | 99.1    |
| ≥ .000           |      | 24.9   | 96.1  | 96.7   | 98.4      | 93.0         | 99.0 | 99.5     | 27.5           | 99.6           | 99.6  | 99.6  | 99.6     | 79.5  | 79.4           | 99.6    |
| ± 900            |      | 94.9   | 96.1  | 96.7   | 98.4      | 98.6         | 99.0 | 99.5     | 99.5           | 99.6           | 99.5  | 99.6  | 99.6     | ,9.€  | 99.5           | 39.0    |
| ≥ 800·           |      | 74.9   | 96.1  | 76.7   | 95.5      | 78.7         | 99.2 | 99.7     | 99.7           | 99.4           | 99.4  | 99.3  | 99.8     | 99.8  | 39.8           | 49.3    |
| ≥ 700            |      | 94.9   | 96.1  | 96.7   | 9ۥ5       | 98.7         | 99.2 | 99.7     | 99.7           | 99.8           | 99.8  | 99.8  | 99.8     | 99.8  | 99.8           | 99.8    |
| ≥ 600            |      | 94.9   | 96.1  | 96.7   | 98.5      | 98.7         | 99.2 | 99.8     | 99.8           | 99.9           | 99.9  | 99.9  | 99.9     | 99.9  | 90.9           | 59.3    |
| ≥ 500            |      | 94.9   | 96.1  | 96.7   | 98.5      | 95.7         | 99.4 | 99.9     | 99.9           | 190.0          | 100.0 | 100.0 | 100.0    | 100.3 | 100.0          | 100.3   |
| ≥ 40C            |      | 94.9   | 96.1  | 76.7   | 98.5      | 98.7         | 99.4 | 99.9     | 99.9           | 1 <u>0</u> 0.0 | 100.0 | 100.1 | 100.0    | 100.0 | 130.0          | 100.5   |
| ≥ 300            |      | 24.2   | 96.1  | 26.7   | 98.5      | 98.7         | 99.4 | 99.9     |                | 100.0          |       |       |          |       |                | 10000   |
| 2 200            |      | 94.9   | 96.1  | 76.1   | 98.5      | 08.7         | 99.4 | 99.9     | 99.9           | 100.7          | 100.0 | 100.0 | 100.1    | 165.X | 1.3.7          | 100.0   |
| ≥ ±06            |      | 74.9   | 96.1  | 96.7   | 98.5      | 20.7         | 99.4 | 99.9     | 99.9           | 100.0          | 100.0 | 100.0 | 157.0    | 166.0 | 133.0          | 1 .00   |
| . v              |      | 4.9    | 96.1  | 76.7   | 99.5      | 95.7         | 99.4 | 99.9     | 99.9           | inc.d          | 100.1 | 100.d | 1 0      | 100.3 | 100.0          | inc.    |

TOTAL NUMBER OF OBSERVATIONS

CE HAL CLIMATOLOGY GRANCH SELTAC 71 FATROR SERVICEZMAC

# CEILING VERSUS VISIBILITY

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 7-147

| 184 N/5             |     |          |         |               | · · · · · · |         | -15  | ·B 、** S*/ | ATUTE MIL | ES   |       |      |        |        | ******* | <del></del> |
|---------------------|-----|----------|---------|---------------|-------------|---------|------|------------|-----------|------|-------|------|--------|--------|---------|-------------|
| ###**               | ≥.0 | ≥6       | ≥ 5     | ≥ 4           | ≥ 3         | ≥2%     | ≥:   | ≥ ½        | ≥1%       | ≥,   | ≥ %   | ≥ %  | 2 7    | ≥ 5/18 | 2 4     | ≥¢          |
| NO CEUNG<br>≥ 20000 | ,   | ~1.3     | 21.0    | 71.0          |             | 21.0    | 21.0 |            | 21.0      | 21.5 | 21.0  | 21.0 |        | 21.    | 1.7     | 21.5        |
|                     |     | 3        | 37.3    | 30.3          | 30.3        |         |      |            | 30.3      |      |       |      |        |        | 30.7    |             |
| ≥ 18000             |     | 7 1: • 3 | 3. • 3  |               |             |         | 30.3 |            | 30.3      |      | , ,   | 30.3 | ł      | , ,    | 30.3    |             |
| <b></b>             |     | 70.3     | 37.3    | 3 . 3         |             |         |      |            | 30.3      |      |       | 70.3 |        |        |         |             |
| ≥ 14000<br>≥ 2000   |     | .43 • 3  | 3 n • 3 | 30 • <b>3</b> | 3′•3        |         |      |            | 3℃•3      |      |       | 30.3 | 30.3   |        | 30.3    | 70.3        |
| <b></b>             |     | 30.4     | 37.8    |               |             |         |      |            |           |      | 30.5  |      |        |        |         |             |
| 20000 ≥ 1           |     | 11.3     | 31.3    | 31.3          |             |         |      |            |           | 1    |       |      |        |        | 31.3    |             |
| L                   |     | 31.7     |         |               |             | 31.7    |      |            |           |      |       |      |        |        | 31.7    |             |
| ≥ 800C<br>≥ 700C    |     | 3 ₹ • 1  |         |               |             | 39.1    |      | , ,        |           |      |       | 33.2 | 1      |        | 39.0    | 39.2        |
| <u> </u>            |     | 39.6     |         |               |             |         |      | 39.9       |           |      |       | 47.7 |        |        | 4       |             |
| ≥ 6000<br>≥ 5000    |     | 3 4 ⋅ 6  |         | 39.9          | - 1         | -       | 1    |            | 39.0      | 40.0 |       | 40.0 | 4 .0   | 40.0   | 40.0    | #C.•0       |
| 2 3000              |     | 3,06     |         |               | 39,9        | 39.9    | 39.9 | 39.9       | 39.9      | 4C.J | 47.0  | 40.0 | 43.3   | 40.    | 400     | 4 500       |
| ≥ 4500              |     | 40.4     | 4 ೧ • ક | 45.8          | 45.8        | 40.8    | 40.8 | 40.8       | 40.8      | 40.9 | 40.9  | 40.4 | 40.9   | 4Ç.º   | 43.9    | 43.9        |
| 2 400C              |     | 52.0     | 53.2    | 53.2          | 53.3        | 53.3    | 53.3 | 53.3       | 53.3      | 53.4 | 53.4  | 53.4 | 53.4   | 53.4   | 53.4    | 5.4         |
| ≥ 350C              |     | ×4 • 3   | 85.1    | 85.3          | 85.6        | # 5 • 6 | 35.6 | 65.6       | 65.6      | 85.8 | 85.4  | 95.9 | ٿ . "ع | ₹5•3   | :5•₽    | 25. K       |
| ≥ 3000              |     | 90.1     | 91.1    | 91.2          | 91.5        | 91.5    | 91.5 | 91.6       | 71.6      | 91.8 | 91.3  | 91.€ | 91.8   | 91.5   | 91.5    | 91.4        |
| ≥ 2500              |     | 93.5     | 91.4    | 91.6          | 91.9        | 91.9    | 91.9 | 92.0       | 92.1      | 92.3 | 92.7  | 92.3 | 92.3   | 72.3   | 92.3    | 92.3        |
| ≥ 2000              |     | 91.3     | 92.2    | 92.4          | 92.8        | 92.9    | 92.9 | 93.        | 97.1      | 93.3 | 93.3  | 73.3 | 93.3   | 93.3   | 93.3    | °3.3        |
| ≥ 800               |     | 91.4     | 92.9    | 93.1          | 93.5        | 93.7    | 93.7 | 93.8       | 97.9      | 94.1 | 94.1  | 94.1 | 94.1   | 94.1   | 94,1    | 04.1        |
| ≥ 1500              |     | 95.1     | 95.1    | 26.3          | 97.d        | 97.2    | 97.2 | 97.4       | 97.6      | 97.8 | 97.8  | 97.8 | 97.8   | 97.8   | 97.8    | 97.9        |
| ≥ 1200              |     | -5.3     | 97.4    | 97.7          | 98.6        | 98.8    | 98.8 | 99.0       | 99.2      | 99.5 | 99.5  | 99.5 | 99.5   | 9.5    | 99.5    | 39.5        |
| ≥ .000              |     | 96.3     | 97.4    | 97.8          | 98.9        | 99.1    | 99.1 | 99.4       | 99.6      | 99.5 | 99.8  | 99.€ | 99.8   | 99.8   | 99.5    | 99.0        |
| ≥ 900               |     | 96.3     | 97.4    | 97.8          | 98.9        | 29.1    | 99.1 | 99.4       | 99.4      | 99.8 | 99.4  | 99.8 | 99.8   | 99.8   | 99.8    | 09.8        |
| ≥ 800               |     | 96.3     | 97.4    | 97.8          | 98.9        | 99.1    | 99.1 | 99.4       | 99.6      | 99.5 | 99.8  | 90.3 | 99.8   | 99.8   | 99.5    | 29.8        |
| ≥ 700               |     | 36.3     | 97.4    | 97.8          | 98.9        | 99.1    | 99.1 | 99.5       |           | 99.9 | 99.9  | 99.3 | 99.9   | 99.4   | 99.0    | 99.9        |
| ≥ 600               |     | 96.3     | 97.4    | 97.8          | 98.9        |         | 99.1 | 99.5       | 99.7      | 99.9 | 99.9  |      |        | 99.9   |         | 59.9        |
| ≥ 50′               |     | 76.3     | 97.4    | 97.8          | 98.9        | 99.1    | 99.1 | 99.6       |           | -    |       |      | 100.0  |        | 100.7   |             |
| 2 400               |     | ?6.3     | 97.4    |               | 98.9        |         | 99.1 | 99.6       |           |      | 100.0 |      |        |        |         | 173.7       |
| ≥ 306               |     | 96.3     | 97.4    |               | 98.9        | 99.1    | 99.1 |            |           |      |       |      |        | 100.0  |         |             |
| ≥ 200               |     | 76.3     | 97.4    |               | 98.9        |         | 99.1 | 99.5       |           |      |       |      |        | 100.0  |         |             |
| ≥ 100               |     | 96.3     | 97.4    |               | 98.9        | 99.1    | 99.1 |            |           |      | 100.0 |      |        |        | 100.0   |             |
| 2 0                 |     | 96.3     | 97.4    |               |             | –       | 29.1 |            | -         |      |       |      |        | 130.0  |         |             |
|                     |     |          |         |               | , , ,       |         |      | .,         | · / • (3  |      |       |      | -0,40  |        |         | 5           |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GURAL CLIMATOLOGY BRANCH UNAFETAC AT AFATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

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STATION NAME

MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1= 17-17F \_

| CEIL NO              |      |              |              |                               |              |                  | v i \$           | B. TY ST     | ATUTE MIL        | ES             |              |              |               |              |                                  |              |
|----------------------|------|--------------|--------------|-------------------------------|--------------|------------------|------------------|--------------|------------------|----------------|--------------|--------------|---------------|--------------|----------------------------------|--------------|
| (FEE*)               | ≥ .¢ | ≥6           | ≥ 5          | ≥ 4                           | ≥ 3          | ¥25              | ≥ 2              | ≥ ½          | ≥1%              | ≥1             | 2 4          | ≥ %          | ≥ ٧.          | ≥ 5/16       | ≥ 6                              | ≥0           |
| NO CEIUNG<br>≥ 20000 |      | 23.1         |              | 23.1<br>31.4                  |              |                  | 23.1<br>31.4     |              | 23.1<br>31.4     |                | 23.1<br>31.4 |              | 27.1<br>31.4  |              | 23.1<br>31.4                     |              |
| ≥ 18000<br>≥ 18000   |      | 71.4<br>31.4 | 31.4         | 31.4<br>31.4                  | 31.4<br>31.4 |                  | 31.4<br>31.4     |              |                  | 31.4<br>31.4   | 31.4<br>31.4 | 31.4<br>31.4 | 31.4<br>31.4  | 31.4         | 31.4<br>31.4                     | 71.4<br>71.4 |
| ≥ '4000<br>≥ '2000   |      | 71.5<br>32.0 | 1            | 31.5<br>32.0                  | 31.5         |                  | 31.5<br>32.0     | 31.5<br>32.0 | 31.5<br>32.0     | 31.5<br>32.0   | 31.5         | 31.5<br>32.3 | 31.5          | 31.5<br>72.5 | 31.5                             | 71.5<br>32.3 |
| 2 1000C<br>2 900C    |      | 33.0         | 33.1<br>33.7 | 33.1<br>33.7                  | 33.1<br>33.7 |                  | 33.1<br>33.7     | 33.1<br>33.7 | 33.1<br>33.7     | 33.1<br>33.7   | 33.1<br>33.7 | 33.1<br>33.7 | 33.1<br>33.7  | 33.1<br>33.7 | 3 <b>3 • 1</b><br>3 <b>3 •</b> 7 | 73.1<br>33.7 |
| ≥ 8000<br>≥ 7000     |      | 37.5<br>37.8 | , - , , ,    | 37.6<br>38.1                  | 37.6<br>35.1 | 37.6<br>38.1     | 37.6<br>38.1     | 37.6<br>38.1 | 37.6<br>38.1     | 37.6<br>38.1   | 37.6<br>38.1 | 37.6<br>38.1 | 37.6<br>35.1  | 37.6<br>38.1 | 37.6<br>35.1                     | 77.5         |
| ≥ 6000<br>≥ 5000     |      | 37.8<br>37.8 |              | 38.1<br>38.1                  | 30.1         | 38.1<br>38.3     | 38 . 1<br>38 . 3 | 36 · 1       | 38.1<br>38.3     | 38.1<br>38.3   | 32.1<br>38.3 | 38.1<br>38.3 | 35.1<br>35.3  | 38.1         | 39.1.<br>34.3                    | 75.1<br>20.3 |
| ≥ 450U<br>± 4000     |      | 33.0<br>51.6 |              | 38 • 4<br>52 • 2              | 3°.4         | 36.5<br>52.3     | 38.5<br>52.3     | 38.5<br>52.3 | 38 . 5<br>52 . 3 | 38.5<br>52.3   | 38.5<br>52.3 | 35.5<br>52.3 | 35.5<br>52.3  | 38.5<br>52.3 | 30.5<br>52.3                     | 38.5<br>52.3 |
| ≥ 3500<br>≥ 3000     |      | £3.6         | 84.3<br>89.9 | 84.4<br>90.0                  | 84.7<br>90.4 | 84 • 8<br>90 • 5 |                  | 84.9<br>90.6 |                  | 84.0<br>90.6   |              | 84.9<br>95.6 |               | 14.9<br>43.6 | 4 · 6                            | 4.0<br>9.0   |
| ≥ 2500<br>≥ 2000     |      | 89.8         |              | 90.6<br>91.3                  | 91.1         |                  |                  | 91.3<br>92.1 | 91.3<br>92.1     | 91.3<br>92.1   | 91.3         | 91.3         | 91.3<br>92.1  | 91.3<br>92.1 | 1.7<br>20.1                      | 51.3<br>52.1 |
| ≥ 1800<br>≥ 1500     |      | 93.5         | 91.4         | 91.6<br>95.4                  |              | °2•2             |                  |              |                  |                | -            | 92.5         | 92.5<br>97.5  | 92.5<br>97.5 | 92.5<br>97.5                     | 92.5<br>97.5 |
| ≥ 1200<br>≥ .000     |      | 95.0         | 96.7<br>96.9 | 97.2<br>97.4                  | 98.6         |                  | 99.5             | 99.5         | •                | 99.5<br>100.0  |              |              | 99.5<br>100.0 |              | 99.5<br>130.0                    | 29.5<br>10.0 |
| ≥ 900<br>≥ 800       |      | 95.2<br>95.2 | 96.8<br>96.8 | 97 <b>.4</b><br>97 <b>.</b> 4 | 98.9<br>98.9 | - 1              | 99.5<br>99.5     |              |                  | 100.0<br>100.5 |              |              |               | 100.0        |                                  |              |
| ≥ 700<br>≥ 600       |      | 95.2         | 96.8<br>96.8 | 97.4<br>97.4                  | •            |                  | 99.5             | _            |                  | 100.0<br>100.0 | - 1          |              | -             |              |                                  |              |
| ≥ 500<br>≥ 400       |      | 95.2         | 96•9<br>95•8 | 97.4<br>97.4                  |              | 99.0             |                  |              |                  | 136.0<br>100.0 |              |              |               |              |                                  |              |
| ≥ 300<br>≥ 200       |      | 95.2<br>95.2 | 1            | 97.4<br>97.4                  |              |                  | 99.5<br>99.5     |              |                  | 100.0<br>100.0 |              |              |               |              |                                  |              |
| 2 100<br>2 0         |      | 95.2<br>95.2 | 96.8<br>96.9 | 97.4<br>97.4                  | 98.9         |                  | 99.5             | 99.9         | -                | 100.0<br>100.0 |              |              |               |              |                                  |              |

TOTAL NUMBER OF OBSERVATIONS

THE TAL CLIMATCHOUS TRANCH TAC TAC ACT STATSFOR SERVICIONAC

# CEILING VERSUS VISIBILITY

1 2 1 LAJES A · AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CELNO    |             |              |      | _      |             |      | ٧١S     | B.TY ST  | ATUTE MIL | <b>E</b> 5 |      |      |         |         |       |         |
|----------|-------------|--------------|------|--------|-------------|------|---------|----------|-----------|------------|------|------|---------|---------|-------|---------|
| (*EE*)   | <b>≩</b> .c | ≥6           | ≥ 5  | ≥ 4    | ≥ 3         | ≥2%  | ≥ ;     | ≥ . %    | ≥1%       | ≥'         | ≥ 4  | ≥ %  | ≥ ′     | ≥ 5/16  | 2 4   | ن≤ ≤    |
| NO CEUNG |             | 27.7         | 27.7 | 27.7   | 27.7        | 27.7 | 27.7    | 27.7     | 27.7      | 27.7       | 27.7 | 27.7 | 27.7    | 27.7    | 27.7  | 27.7    |
| ≥ 20000  |             | 33.9         | 33.4 | 34.2   | 34.2        | 34.2 | 34.2    | 34.2     | 34.2      | 34.2       | 34.2 | 34.2 | 34.2    | 34.2    | 34.2  | 740     |
| ≥ 18000  |             | 34.1         | 34.1 | 34.3   | 34.3        | 34.3 | 34 . 3  | 34.3     | 34.3      | 34.3       | 34.3 | 34.3 | 34.3    | 34.3    | 34.3  | 34.3    |
| ≥ 6000   |             | 34.1         | 34.1 | 34.3   | 34.3        | 34.3 | 34.3    | 34.3     | 34.3      | 34.5       | 34.3 | 34.3 | 34.3    | 34.3    | 34.3  | 74.3    |
| ≥ '400C  |             | 34.1         | 34.1 | 34.3   | 34.5        | 34.3 | 34.3    | 34.3     | 34.3      | 34.3       | 34.3 | 34.3 | 34.3    | 34.3    | 34.3  | 34 • 7  |
| ≥ 2000   |             | 34.4         | 34.4 | 34 . 6 | 34.6        | 34.6 | 34.6    | 34.6     | 34.6      | 34.6       | 34.6 | 34.6 | 34.5    | 34.0    | 34.6  | 34.0    |
| ≥ .0000  |             | 34 - 8       | 34.9 | 35.0   | 35.0        | 75.0 | 35.0    | 25.0     | 35.0      | 35.0       | 35.0 | 35.3 | 35.0    | 35.00   | 35.1  | 35.00   |
| ≥ 9000   |             | 3 5 • 6      | 35.6 | 35.6   | 35.8        | 35.8 | 35,8    | _ 25 • 3 | 35.8      | 35.8       | 35.5 | 35.8 | 35.3    | 25.0    | 35.8  | 25. 4   |
| ≥ 800C   |             | 37.7         | 39.7 | 39.9   | 40.1        | 40.1 | 40.1    | 40.1     | 40.1      | 45.1       | 47.1 | 40.1 | 4 5 . 1 | 40.1    | 40.1  | 42.1    |
| ≥ 700G   |             | 40.1         | 40.2 | 40.4   | 40.6        | 40.6 | 40.6    | 40.6     | 40.5      | 40.6       | 40.€ | 40.6 | 47.6    | 4 Ú . t | 47.5  | 43.5    |
| ≥ 6000   |             | 4 3 • 1      | 40.3 | 40.4   | 40.6        | 40.6 | 40.6    | 40.6     | 48.6      | 40.6       | 40.6 | 40.6 | 4".6    | 40.€    | 40.6  | 43.5    |
| ≥ 5000   |             | 43.1         | 40.2 | 40.4   | 47.7        | 40.8 | 40.5    | 40.8     | 40.8      | 40.8       | 40.P | 4C.8 | 40.8    | 4000    | 4).8  | 4 J . P |
| ≥ 4500   |             | 47.1         | 40.2 | 40.4   | 40.7        | 40.8 | 40.9    | 40.8     | 40.4      | 40.8       | 4C.8 | 40.6 | 40.8    | 40.5    | 47.8  | 40.0    |
| ≥ 400C   |             | 5.2 • 0      | 52.3 | 52.5   | 52.8        | 52.9 | 52.9    | 52.9     | 52.9      | 52.9       | 52.9 | 52.9 | 52.9    | 52.4    | 5,2.3 | 52.9    |
| ≥ 350C   |             | 31.0         | 81.4 | 32.2   | 62.9        | 83.0 | a 3 • 3 | 23.1     | 83.1      | 83.1       | 83.1 | 93.1 | 83.1    | 53.1    | ₹3•1  | €3.1    |
| ≥ 3000   |             | 38.3         | 89.2 | 89.5   | 9:02        | 3    | 90.3    | 95.4     | 90.4      | 95.4       | 90.4 | 90.4 | 97.4    | 90.4    | 70.4  | 90.4    |
| ≥ 2500   |             | 87.2         | 90.2 | 90.5   | 91.4        | 91.5 | 91.5    | 91.6     | 91.6      | 91.6       | 91.6 | 91.6 | 51.6    | 51.5    | 91.6  | 91.6    |
| ≥ 2000   |             | 89.9         | 90.9 | 91.3   | 92.2        | 92.3 | 92.3    | 92.5     | 72.5      | 92.5       | 92.5 | 92.5 | 92.5    | 92.5    | 92.5  | 02.5    |
| ≥ 1800   |             | າ <b>ດ.4</b> | 91.5 | 01.8   | 92.8        | 92.9 | 92.9    | 93.0     | 93.7      | 93.0       | 93.0 | 93.Ü | 97.0    | 93.0    | 93.0  | 93∙0    |
| ≥ 150C   |             | 03.2         | 94.6 | 95.4   | 96.8        | 97.0 | 97.1    | 97.4     | 97.4      | 97.5       | 97.5 | 97.5 | 97.5    | 97.5    | 97.5  | 97.5    |
| ≥ 1200   |             | 94.0         | 95.7 | 96.6   | 99.3        | 98.5 | 98.6    | 98.9     | 98.9      | 99.0       | 90.0 | 99.0 | 99.1    | 99.1    | 99.1  | 99.1    |
| ≥ ,000   |             | 94.2         | 95.9 | 96.9   | 98.8        | 99.0 | 99.1    | 99.6     | 99.6      | 99.7       | 99.7 | 99.7 | 99.8    | 99.8    | 99.8  | 49.E    |
| ≥ 900    |             | 74.2         | 95.9 | 96.9   | 98.8        | 99.1 | 99.2    | 99.7     | 99.7      | 99.8       | 99.8 | 99.8 | 99.9    | 99.9    | 99.9  | 99.9    |
| ≥ 800    |             | 94.2         | 95.9 | 96.9   | 98.8        | 99.0 | 99.2    | 99.7     | 99.7      | 99.8       | 99.8 | 97.8 | 99.9    | 99.9    | 99.9  | 09.0    |
| ≥ 700    |             | 94.2         | 95.9 | 97.0   | 98.9        | 99.1 | 99.4    | 99.8     | 99.8      | 99.9       | 99.9 | 99.9 | 100.0   | 100.0   | 100.0 | 100.c   |
| ≥ 600    |             | 74.2         | 95.9 | 97.0   | 98.9        | 99.1 | 99.4    | 99.8     | 99.8      | 99.9       | 99.9 | 99.9 | 100.0   | 100.0   | 100.0 | hcu.n   |
| ≥ 500    |             | 04.2         | 95.9 | 97.0   | 98.9        | 99.1 | 99.4    | 99.8     | 99.8      | 99.9       | 99.9 | 99.9 | 100.0   | 100.0   | 100.0 | 100.0   |
| ≥ 400    |             | 94.2         | 95.9 | 97.d   | 98.9        | 99.1 | 99.4    | 99.8     | 99.8      | 94.9       | 99.9 | 99.9 | 150.0   | 100.0   | 100.0 | և Րն•3  |
| ≥ 300    |             | 74.2         | 95.9 | 97.0   | 98.9        | 99.1 | 99.4    | 99.8     | 99.6      | 99.9       | 99.9 | 99.9 | 100.0   | 100.3   | 100.0 | 1000    |
| ≥ 200    |             | 94.2         | 95.9 | 97.0   | 98.9        | 99.1 |         |          |           | 99.9       |      |      |         |         |       |         |
| > 100    |             | 94.2         | 95.9 | 97.0   | 98.9        | 99.1 | 99.4    | 99.8     | 99.8      | 99.9       | 99.9 | 99.9 | 100.0   | 1000    | 100.0 | 100.0   |
| ≥ 0      |             | 94.2         | 95.9 | 97.d   | <b>08.9</b> | 99.1 | 99.4    |          |           | 99.9       |      |      |         |         |       |         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

CELEAL CETMATOLOGY SPANCH AT HEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.1179-236...

| CELNO               | _    |               |              |        |                 |      | * · · S | B."* 5"                                      | ATUTE MI | .ES   |      |        |       |       |      |     |
|---------------------|------|---------------|--------------|--------|-----------------|------|---------|--|----------|-------|------|--------|-------|-------|------|-----|
| IFEE'N              | ≥ .0 | ≥6            | ≥5           | ≥ 4    | ≥3              | ≥2%  | 2.7     | <b>≥</b> ″.                                  | ≥1%      | ≥'    | 2 4  | ≥ %    | ≥ ⊭   | ≵5/16 | 2 4  | ≥c  |
| O 1841NG<br>≥ 20000 |      | 32.5          | 32.5         | 3. • 5 | 32.5            | 32.5 | 32.5    | 32.5   | 32.5     | 32.5  | 37.5 | 32 • r | 32.5  |       | 32.5 |     |
|                     |      | 75.9          | 35.9         | 36 • 1 | 36.0            |      | 36.0    |  | 36.0     |       |      | 36.0   |       |       | 36.  | :4. |
| ≥ 18000<br>≥ 16000  |      | 35.9          | 35.4         | 36 ⋅ [ | 36.0            | 36.3 | 36.3    | 1 7  | 36.0     | 36.0  |      |        | -     |       | 36.0 | i . |
|                     |      | <u> 35. y</u> | 35.9         | 36.    | 36.0            |      | 35.7    | 36.0   |          |       |      | 36.0   |       |       | 36.0 | _   |
| ≥ 14000             |      | 3 c • 3       | 36.0         | 36.3   | 35.1            |      | 1       |  |          |       | 36.1 | 36.1   |       | -     |      |     |
| ≥ .5000             |      | 36.1          | 36.1         | 30.2   | 35.2            | 36.2 |         | 36.2   |          |       | 36.2 | 36.2   |       |       | 30.2 |     |
| ≥ ''0000' ≤         |      | : 77.d        | 37.0         | 37.1   |                 | -    | ,       |  | 37.1     |       | 37.1 | 37.1   | 37.1  | 37.1  | l .  | _   |
| ≥ 8000              |      | 37.1          | 37.1         | 37.2   | 37.2            |      |         | 37.2   | 37.2     | .7.2  | 37.2 |        | 37.2  | 37.3  | 37.7 |     |
| ≥ 8000              |      | 39.7          | 35.8         | 38.9   | 33.0            |      |         |  | 39.5     | 39.0  | 30.0 | 39.0   | 30.0  | 39.0  | 39.7 | ₹9. |
| ≥ 7900              |      | 79.5          | 3°•1         | 39.2   | 34.3            | 79.3 | 30.3    | 39.3   | 39.3     | 39.3  | 30.3 | 30.3   | 30.3  | 39.3  |      |     |
| ≥ 6000              |      | 37.0          | 39.4         | 39.3   | 37.5            | 39.5 | 39.5    | 39.5   | 39.5     | 39.5  | 39.5 | 37.5   | 35.5  | 79.5  | 30.5 | 79. |
| <u> 2</u> 5000      |      | 39.1          | <u>39.</u> a | 39.3   | 39.7            | 37.7 | 39.7    | 39.7   | 39.7     | 39.7  | 39.7 | 39.7   | 39.7  | 39.7  | 39.7 |     |
| ≥ 450C              |      | ₹9.1          | 30.3         | 39.4   | 39.8            | 39.8 | 30.8    | 39.8   | 39.A     | 39.8  | 39.8 | 39.3   | 39.8  | 29.4  | 70.8 | 79. |
| ₹ 400C              |      | 47.9          | 5 . 1        | 50.2   | _5 ^ <b>.</b> 8 | 51.3 | 51.     | _ <u>_                                  </u> | 51.0     | 51.0  | 51.0 | 51.0   | 51.0  | 51.0  | 51.0 | 51. |
| ≥ 3500              |      | ÷ 5 • 5       | 85.4         | 36.1   | 86.7            | 87.  | 87.0    | 67.0   | 37.0     | 87.0  | 57.0 | 97.0   | د7.3  | €7.0  | 57.7 | 67. |
| ≥ 3000              |      | ં 42 • શ      | 93.1         | 93.4   | 94.3            | 94.5 | 94.5    | 94.5   | 94.5     | 94.5  | 94.5 | 94.5   | 94.5  | 44.5  | 94.5 | 74. |
| ≥ 2500              |      | 93.2          | 93.5         | 93.9   | 94.7            | 74.9 | 74.9    | 94.7   | 94.9     | 94.9  | 94.0 | 94.9   | 94.9  | 74.9  | 64.9 | £4. |
| ≥ 2000 ·            |      | ₹3.2          | 93.9         | 93.9   | 94.7            | 94.9 | 94.9    | 94.9   | 94.9     | 94.9  | 94.0 | 94.9   | 94.9  | 94.9  | >4.9 | 04. |
| ≥ '800              |      | 03.5          | 93.9         | 94.2   | 95.0            | 95.3 | 95.3    | 45.3   | 95.3     | 75.3  | 95.3 | 95.3   | 95.3  | 95.3  | ₹5.1 | 95. |
| ≥ 1500              |      | 95.9          | 96.4         | 96.8   | 97.6            |      | 98.0    |  |          |       | 1    | 98.3   | 98.0  | 98.0  | 78.0 | 45. |
| ≥ 1200              |      | 76.4          | 97.0         | 97.4   | 98.7            |      | 99.1    |  |          |       |      | 99.1   |       |       | 99.1 | 29. |
| ≥ .000              |      | 96.8          | 97.3         | 97.7   | 99.0            | _    | 99.5    |  |          | 99.6  | - 1  | 99.6   |       |       | 59.4 | 1   |
| ≥ 900               |      | 36.8          | 97.3         | 97.1   | 99.0            | 99.4 | 99.5    |  |          | 99.6  | 99.6 | 99.6   |       |       | 29.5 |     |
| ≥ 800               |      | 96.8          | 97.3         | 97.7   | 99.0            |      | 99.5    |  |          | 99.6  | - 1  |        | 99.6  |       | 99.4 | 29. |
| ≥ 700               |      | 96.9          | 97.4         | 97.8   | 99.1            |      |         |  |          | 99.8  |      |        |       |       |      | _   |
| ≥ 600               |      | 96.9          | 97.4         |        |                 |      | 99.7    |  |          | 99.9  | - 1  |        | 97.8  |       | 99.8 | 99  |
| ≥ 500               |      | 06.9          |              | 97.5   |                 |      |         |  |          | 99.8  |      |        |       |       |      | _   |
| 2 400               |      | 96.9          |              |        |                 |      |         |  | 1        | 99.8  | - 1  |        |       |       | 99.9 |     |
| ≥ 300               |      | 96.9          |              | 97.8   |                 |      |         |  |          | 99.9  |      |        | 99.8  |       |      |     |
| ≥ 200               |      | 76.7          | 97.4         |        | 99.1            |      |         |  |          | 100.0 |      |        |       |       |      | 1   |
| > 100               |      | 76.9          |              |        | 99.1            |      |         |  |          | 100.0 |      |        |       |       |      |     |
| 2 0                 |      | 36.9          | -            |        |                 |      |         |  |          |       |      | -      | 100.0 |       |      |     |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_927

CL WAL CLIMATCLODY BRANCH OWELLC AT WASHING SERVICE/MAC

## CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LISIT.)

| CEILNO               |      | -            |              |              | _            |      | v1S  | .B . TV ST   | ATUTE MIL    | <b>E</b> 5   |                |              |      |              |              |              |
|----------------------|------|--------------|--------------|--------------|--------------|------|------|--------------|--------------|--------------|----------------|--------------|------|--------------|--------------|--------------|
| 1956*)               | ≥ .c | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2%  | ≥ 2  | ≥ . %        | ≥1%          | ≥1           | 2 %            | ≥%           | ≥ v  | ≥5/16        | 2 %          | ≥c           |
| NO CEIUNG<br>≥ 20000 |      | 26.7<br>32.1 |              | 26.8<br>32.1 |              |      |      |              | l i          |              |                | 26.9<br>32.2 |      |              | 26.8<br>32.2 | 32.2         |
| ≥ 18000<br>≥ 16000   |      | 32.1         |              | 32.2         |              | 32.2 | 32.2 |              | 32.2<br>32.2 | 32.2<br>32.2 |                | 32.2<br>32.2 |      |              | 32.2<br>32.2 |              |
| ≥ '4000<br>≥ '2000   |      | 72.2         | 32.2         |              | 32.3         |      | 32.3 | 32.3<br>32.6 | -            |              | 32.3           | 32.3         |      | 32.3         | 72.3<br>37.6 | 32.3         |
| 2 0000<br>≥ 9000     |      | 33.2<br>33.6 | 33.3         | 33.3         | 33.3         | 33.3 |      | 33.3         | 33.3         | 33.3         | 33.3           | 33.3         |      | 73.          |              | 33+3         |
| ≥ 8000<br>≥ 7000     |      | 37.4         |              | 37.5         | 37.6<br>38.0 | 37.6 | 37.6 | 37.6         |              | 37.7         | 37.7           | 37.7         | 37.7 | 37.7         |              |              |
| ≥ 6000<br>≥ 5000     |      | 37.7         | 37.8<br>37.9 | 37.9         |              | 38.0 | 39.0 | 38.0<br>38.2 | 39.1         | 38.1         |                |              | !    |              | - • -        | !ĉ.1<br>35.3 |
| ≥ 4500<br>≥ 4000     |      | 38.1<br>50.2 |              |              |              |      |      | 38.5         | 38.5         | 36.5         | 39.5<br>50.9   |              |      |              | 39.6<br>53.9 |              |
| ≥ 3500<br>≥ 3000     |      | 63.3<br>90.1 |              |              | 84.7         |      |      | 84.8<br>92.2 | 84.8         |              | 84.8<br>92.2   | - 1          | _    |              |              | 54.8<br>72.2 |
| ≥ 2500<br>≥ 2000     |      | 90.6         |              | 91.7         |              |      |      |              |              | 92.7         |                | 92.7         |      | 92.7<br>93.5 |              | 93.5         |
| ≥ 1800<br>≥ 1500     |      | 94.2         | 1 :          | 92.7<br>96.0 |              |      |      |              | _            |              | 93.A<br>97.7   |              |      | 93.8         |              | 93.8         |
| ≥ 1200<br>≥ 1000     |      | 95 <b>•3</b> |              | 97.3<br>97.5 |              |      | • .  |              | 99.1<br>99.5 |              | 1 .            | 99.2         |      | 99.2         | 79.7<br>99.7 | 99.2         |
| ≥ 900<br>≥ 800       |      | 95.4         | 1            |              |              | 99.1 |      | 99.6         | 99.6         |              | 1 .            |              |      | 99.7         |              | 99.7         |
| ≥ 700<br>≥ 600       |      | 95.5<br>95.5 | 1            |              |              | 1 7  |      | 99.7         |              | 99.9         | 99.9           |              |      | 99.9         |              | 99.9         |
| ≥ 500<br>≥ 400       |      | 95.5<br>95.5 | 1            |              |              |      | 99.5 | 99.8         | 99.8         |              | 99.9           | 99.9         | 99.9 |              | 100.0        | 100.0        |
| ≥ 300<br>≥ 200       |      | 95.5<br>05.5 | 1            |              | 99.1         |      |      |              |              | -            | 99.9<br>100.0  |              |      |              |              |              |
| > 100<br>2 0         |      | 95.5<br>95.5 | 1            |              | 99.1         |      |      |              | -            |              | 100.0<br>100.0 |              |      |              |              |              |

TOTAL NUMBER OF OBSERVATIONS

7431

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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OL FAL CLIMATOLOUY BRANCH J1 4FETAC AT REATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 LA LAUES AB AZ

72-81

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.030-020L

| CEILING               |      |         |      |      |      |           | v+5    | B . TY 57        | ATUTE MIL | ES    |       |       |              |        |       |       |
|-----------------------|------|---------|------|------|------|-----------|--------|------------------|-----------|-------|-------|-------|--------------|--------|-------|-------|
| rifee")               | ≥ :C | ≥ 6     | ≥ 5  | ≥ 4  | ≥ 3  | ≥2%       | ≥?     | <b>≥</b> . %     | ≥1%       | ≥ 1   | ≥ *4  | ≥%    | ≥ "          | ≥ 5/16 | 2.4   | ≱ċ    |
| NO (EIUNG)<br>≥ 20000 |      | 7:3 • 2 |      | 30.2 | 30.2 |           |        | 30.2             | 30.2      |       | 30•₹  | 30.3  | 3 3          | 30.2   | 30.7  | 200   |
|                       |      | 340     | 2401 | 34.1 | 34.1 | 34.1      | 34.1   | 34.1             | 34.1      | 34.2  | 34.2  | 34.2  | 34.2         | 34.2   | 34.2  | 34.   |
| ≥ 18500               |      | 34.1    | 34.1 | 34.1 | 34.1 | 34.1      | 34 - 1 | 34 • 1<br>34 • 1 | 34.1      | 34.2  | 34.2  | 34.2  | 34.2<br>34.2 | 34.2   | 34.2  | 34.   |
| ≥ '4606               |      | 34.1    |      | 34.1 | 34.1 |           | 34.1   | 34.1             | 34 . 1    | 34.2  | 34.2  | 14.2  |              |        | 7 7 7 |       |
| ₹ .5000               |      | 34.1    | 34.1 | 34.1 | 34.1 | 34.1      | 34.1   | 34.1             | 34.1      | 34.2  | 34.7  | 34.2  | 34.2         | 34 - 2 | 34.2  | 34.   |
| 3000. ≤               |      | 34.2    |      | 34.2 | 34.2 | 34.2      | 34.2   | 34.2             | 34.2      | 34.3  | 34.3  | 34.3  | 34.3         | 34.3   | 34.3  | 34.   |
| ≥ 9000                |      | 34.2    | 34.2 | 34.2 | 34.2 | 34.2      | 34.2   | 34.2             | 34.2      | 34.3  | 34.3  | 34.3  | 34.3         | 34.3   | 34.3  | 34.   |
| ≥ 800C                |      | 36.2    |      |      |      |           |        |                  | 36.2      |       |       | 36.3  |              | 36.3   | 36.3  | 36.   |
| ≥ 2000                |      | 36.9    | 36.7 | 36.9 | 36.9 | _ ` ` ` ` | 36.9   | 36.9             |           |       | 37.0  | 37.0  | 37.3         | 37.5   | 37.0  | 37.   |
| > 6000                |      | 36.9    | 36.9 | 36.9 | 36.9 |           |        | 36.9             |           | 37.0  | 37.   | 37.0  |              |        | 37.0  | 77.   |
| ≥ 5000                |      | 36.9    | 36.9 |      | 36.9 |           | 1      |                  |           | 1     | 37.0  | 37.0  | i            |        | 37.0  |       |
| ≥ 4500                |      | 37.1    |      | 37.1 |      |           |        |                  |           |       |       |       |              |        | 37.3  | 37.   |
| ≟ 400C                |      | 47.1    | 47.1 | 47.1 | 47.1 | 47.1      | 47.1   | 47.1             | 47.1      | 47.2  | 47.2  | 47.2  |              |        |       |       |
| > 350C                |      | 23.7    | 81.6 |      |      | ,2.3      | 82.3   | 82.4             | 82.4      |       |       |       |              | £2.5   | 62.5  | 47.   |
| ≥ 3000                |      | 20.0    |      |      | 92.3 | 92.3      | 92.3   | 92.5             |           |       |       | 92.6  | -            |        |       | 0 Z • |
| ≥ 2500 ·              |      | 90.3    | 91.4 | 92.1 |      |           | 92.7   | 92.8             |           |       |       |       |              |        | 02.9  |       |
| 2 2000                |      | 91.0    | )    | 92.8 |      |           | 93.8   | 93.9             |           |       |       | 94.0  |              | 94.3   | 94.3  |       |
| > '800                |      | 01.5    | 92.1 | 92.8 | _    |           |        | 93.9             |           |       | 94.5  |       |              |        | 74.   | 04.   |
| ≥ 1500                |      | 02.9    | 1    | 95.9 |      |           | 97.1   | 97.2             |           |       |       |       |              |        |       | _     |
| ≥ 1200                |      | 04.1    | 95.9 | 97.3 | 98.7 | 98.7      | 95.7   | 98.8             |           |       |       |       |              |        | _     | 98.   |
| ≥ .000                |      | 24.6    |      |      |      |           | 99.5   | דיי              |           |       |       | 99.8  |              |        |       |       |
| > 900                 |      | 94.6    |      | 97.8 |      |           | 99.8   |                  |           |       |       | 100.0 |              |        |       |       |
| ≥ 800                 |      | 34.6    | 1    |      |      | 1         | 99.8   |                  |           |       |       | 100.3 |              |        | 130.3 |       |
| ≥ 700                 |      | 74.5    |      | 97.8 |      |           | 99.8   | 99.9             |           |       |       | 100.0 |              |        |       |       |
| ≥ 600                 |      | 74.6    |      |      |      | 1         | 99.8   | 1                |           |       |       | 100.0 |              |        |       | _     |
| ≥ 500                 |      | 94.6    |      | 97.8 | 99.4 | 99.4      | 99.8   | 99.9             |           |       |       | 100.0 |              |        |       |       |
| ≥ 400                 |      | 94.6    |      |      |      |           | 99.8   |                  |           |       |       | 100.0 |              |        | 100.0 |       |
| 2 300                 |      | 24.6    |      | 97.8 |      |           | 99.8   | 99.9             |           |       |       | 100.0 |              |        |       |       |
| ≥ 200                 | 1    | 74.6    | 1 1  |      |      |           | 99.8   | 99.9             |           |       |       | 100.0 |              |        |       |       |
| > 100                 |      | 94.6    |      | 97.8 |      |           |        | 99.9             |           |       |       | 100.0 |              |        |       |       |
| ≥ 0                   |      |         |      |      |      | 1         |        |                  |           |       |       |       |              |        |       |       |
|                       |      | 34.6    | 96.2 | 97.8 | 99.4 | 99.4      | 99.8   | 99.9             | 99.9      | 100.0 | 100.0 | 100.0 | 160.3        | 100.0  | 100.0 | 1     |

OL MAL CLIMATOLOGY SHANCH : SELAC AL - REATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CENING<br>GEETA  | VISIB . TV STATUTE MILES |       |      |          |      |      |      |       |       |       |       |       |       |  |               |      |
|------------------|--------------------------|-------|------|----------|------|------|------|-------|-------|-------|-------|-------|-------|--|---------------|------|
|                  | ≥ :0                     | ≥6    | ≥ 5  | ≥ 4      | ≥ 3  | 52%  | ≥:   | ≥ . % | ≥1%   | ≥1    | ≥ 4   | ≥ 5,  | ≥ v.  | ≥ 5/16   | ≥ ¼           | ≥c   |
| NO CEILING       |                          | 21.03 | 25.3 | 75.4     | 25.5 | 25.5 | 25.5 | 25.5  | 25.5  | 25.5  | 25.5  | 25.5  | 25.5  | 25.5   | 25.5          | 25.5 |
| ≥ 20000          |                          | 26.0  | 26.8 | 26.9     | 27.0 | 27.0 | 27.0 | 27.0  | 27.0  | 27.0  | 27.0  | 27.0  | 27.0  | 27.  | 27.0          | 27.3 |
| ≥ 18000          |                          | 26.8  | 26.4 | 26.9     | 27.0 | 27.4 | 27.0 | .7.0  | 27.0  | 27.0  | 27.0  | 27.0  | 27.0  | 27.3   | 27.0          | 27•  |
| ≥ '6000          |                          | 26.5  | 26.8 | 26.9     | 27.0 | 27.0 | 27.0 | 27.0  | 27.0  | 27.0  | 27.0  | 27.0  |       |  | 27.3          | 27.  |
| ≥ '4000          |                          | 26.8  | 26.9 | 26.9     | 27.0 |      |      |       | 1     |       | 27.0  | - 1   |       |  | 27.0          |      |
| ≥ .500C          |                          | 26.8  |      |          |      |      |      |       |       |       |       | 27.0  | 2.0   |  |               |      |
| 2000. ≤          |                          | 26.8  |      | 26.9     | 27.7 | 27.0 |      |       |       |       | 27.6  | 27.5  |       | 27.0   | 27.0          | _    |
|                  |                          | 26.8  | -    |          | 27.0 |      |      |       |       |       |       | 27.5  |       |  | 7,3           |      |
| ≥ 800C<br>≥ 700C |                          | 27.6  |      | 27.9     |      |      |      |       |       |       | 28.1  | 28.1  |       | 28.1   | 28.1          | 28.  |
|                  |                          | 28.3  |      |          |      |      |      | 28.8  |       | 28.6  |       |       |       |  |               |      |
| ≥ 6000<br>≥ 5000 |                          | 28.3  | 26.5 |          |      | 1    |      |       | 28.5  |       |       | 28.8  | 28.3  |  | 28.8          |      |
| ≥ 4500           |                          | 28.3  | 20.5 |          |      |      |      |       |       | 26.8  |       |       |       |  | 28.8          |      |
| ≥ 400C           |                          | 29.7  |      | 28.9     |      |      | 29.2 |       |       |       | 29.2  | 29.2  |       | The state of the s | 29.2          | 29.  |
| ≥ 3500           |                          | 74.3  | 75.4 | 43.5     | 76.9 |      |      | 77.1  | 77.1  |       | 77.1  | 77.1  |       |  | 77.1          | 77.  |
| ≥ 3000           |                          | 96.2  |      |          |      |      |      |       |       |       |       |       |       | 60.2   | ₹3.2          |      |
| > 2500           |                          | 97.1  |      |          |      |      |      |       |       |       |       |       |       | 71.6   | 71.5          | 91.  |
| 2000             |                          | 88.1  | 90.0 |          |      | 92.7 |      |       | 92.9  |       | 92.4  |       |       |  |               |      |
| ≥ 1800           |                          | 38.2  |      |          |      |      |      |       |       |       | 93.2  | 93.2  |       |  | 93.2          |      |
| ≥ 1500           |                          | 90.d  |      |          |      |      | 96.0 |       |       |       | 96.0  | 96.0  |       |  | 96.0          | 96.  |
| ≥ 1200           |                          | 97.3  | 94.8 | 96.1     |      |      |      | 99.1  |       |       | 99.1  | 99.1  | 99.1  |  | 99.1          | 99.  |
| ≥ ,000           |                          | 92.4  | 94.9 | 96.2     | 98.9 | 99.1 | 99.4 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4          | 99.  |
| ≥ 900            |                          | 92.4  | 94.9 | 96.2     | 99.1 | 99.4 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8          | 99.  |
| ≥ 800            |                          | 92.4  | 94.9 | 96.2     | 99.2 | 99.5 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9          | 49.  |
| ≥ 700            |                          | 92.4  | 94.9 | 96.2     | 99.2 | 99.5 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9          | 99.  |
| ≥ 600            |                          | 92.4  | 94.9 | 96.2     |      | 99.5 | 99.9 |       |       |       | 99.9  |       |       |  | -             |      |
| ≥ 500            |                          | 92.4  | 94.9 |          |      |      | -    |       | -     | _     | 100.0 |       |       | _  |               | -    |
| ≥ 400            |                          | 92.4  | 94.9 |          |      |      |      |       |       |       | 100.0 |       |       |  |               |      |
| ≥ 300            |                          | 92.4  |      | 7        |      | _    |      |       |       |       | 100.0 | -     |       | - 1  |               |      |
| ≥ 200            |                          | 72.4  | 94.9 |          |      |      |      |       |       |       | 100.0 |       |       |  | $\overline{}$ |      |
| > '00            |                          | 92.4  |      | _ " " "] |      |      |      |       |       |       | 100.0 |       |       |  |               |      |
| ≥ 0              |                          | 92.4  | 94.9 | 96.2     | 99.2 | 99.5 | 99.9 | 99.9  | 100.g | 100.0 | 100.0 | 100.0 | 100.0 | 100.U  | 130.0         | ica. |

EL MAL CLIMATOLOGY BRANCH CCAFETAC AL WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 2 1 LAUES AR AZ

72-81

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 500 = 0800 Hours (E.s.T.)

| CEIL NG              | _   | VISIBLEY STATUTE MILES |      |      |              |      |      |       |      |      |      |      |       |        |       |       |
|----------------------|-----|------------------------|------|------|--------------|------|------|-------|------|------|------|------|-------|--------|-------|-------|
| (FEE')               | 5.0 | ≥ 6                    | ≥ 5  | ≥ 4  | ≥ 3          | ≥2%  | 2.7  | ≥ . % | ≥1%  | ≥,   | ≥ %  | ≥ %  | ≥ ٧.  | ≥ 5/16 | ≥ ¼   | ≱ċ    |
| NO CEIUNG<br>≥ 20000 |     | 25.2                   | 1 :  | 26.2 |              |      |      |       |      |      | 26.2 | 26.2 |       |        | 25.2  |       |
| ≥ 18000              |     | 29.9                   |      | 29.9 |              |      |      |       |      |      |      |      |       |        | 20.0  |       |
| ≥ 18000              |     | 29.9                   | 29.9 |      | 29 <b>.9</b> |      |      |       |      |      |      |      |       |        |       |       |
| > '400C              |     | 27.9                   |      |      | 29.9         |      |      |       |      |      |      |      |       |        | 29.9  |       |
| ≥ :2000              |     | 30.0                   |      | 3C 0 | -            |      |      | 70.0  | 30.0 | 30.0 | 30.0 | 30.0 | 30.0  | 30.0   | 30.0  | 30.1  |
| > :0000:             |     | 70.2                   |      | 30 2 |              |      |      | 30.2  | 30.2 | 30.2 | 30.2 | 35.2 |       |        | 20.7  | 30.2  |
| ≥ 9000               |     | 75.2                   |      | 3U 2 | 30.2         |      | 30.2 | 30.2  | 30.2 | 36.2 | 30.2 | 30.2 | 7 . 2 | 30.2   | 30.2  | 33.2  |
| > 8000               |     | 32.8                   |      | 33.1 |              |      | 33.1 | 33.1  | 33.1 | 33.1 | 33.1 | 33.1 | 33.1  | 33.1   | 77.1  |       |
| ≥ 2000               |     | 33.4                   |      | 33.6 | 33.6         | 1    | 33.6 | 33.6  | 33.6 | 33.6 | 33.6 | 33.6 |       | 33.6   | 37.6  | 33.0  |
| ≥ 6000               |     | 33.4                   |      | 33.6 |              |      |      |       | 33.4 | 33.6 | 33.6 | 33.6 |       |        | 33.6  | 33.6  |
| ≥ 5000               |     | 33.4                   | 33.9 | 33.6 | 33.6         |      |      | 33.6  | 33.6 | 33.6 | 33.6 | 33.6 |       | 33.6   | 33.5  | 33.6  |
| ≥ 4500               |     | 33.9                   | 34.0 | 34.1 | 34.1         |      | 34.1 | 34.1  | 34.1 | 34.1 | 34.1 | 34.1 | 34.1  | 34.1   | 34.1  | 74.1  |
| ≟ 400C               |     | 43.2                   | 43.3 | 43.4 | 43.4         | 1    | 43.4 | 43.4  | 43.4 | 43.4 |      |      |       | 43.4   |       | 43.4  |
| ≥ 35 <b>0</b> 0      |     | 75.9                   |      |      |              | 77.3 | 77.3 | 77.3  | 77.3 | 77.3 |      |      |       |        |       |       |
| ≥ 3000               |     | 7.0                    |      | 89.1 | 90.2         |      |      | 90.3  | 90.3 | 96.3 | 92.3 |      |       |        |       | 20.3  |
| ≥ 2500               |     | 57.4                   |      |      | 90.6         |      |      | 90.7  | 90.7 | 90.7 |      |      |       |        |       | 90.7  |
| ₫ 2900               |     | 27.8                   | 1 1  | 90.1 | 91.1         | 91.1 | 91.1 | 91.3  | 91.3 | 91.3 | 91.3 | 91.3 |       | 91.3   |       | 71.3  |
| ≥ '800               |     | 68.3                   | 90.0 | 90.7 | 91.7         | 91.7 | 91.7 | 91.9  | 91.9 | 91.9 | 91.9 | 91.9 | 91.9  |        |       | 71.5  |
| ≥ 150C               |     | 51.1                   | 92.4 | 94.0 | 95.5         | 95.5 | 95.6 | 95.7  | 95.7 | 95.7 | 95.7 | 95.7 | 95.7  | 95.7   | 95.7  | 25.1  |
| ≥ 1200               |     | 73.2                   | 95.2 | 96.3 | 98.3         | 98.3 | 98.6 | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 95.7  | 98.7   | 98.7  | 98.7  |
| ≥ 000                |     | 93.3                   | 95.3 | 96.5 | 98.6         | 98.6 | 98.8 | 99.2  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2   | 99.7  | 99.2  |
| ≥ 900                |     | 43.3                   | 95.3 | 96.5 | 98.8         | 98.9 | 99.2 | 99.5  | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5   | 99.5  | 99.5  |
| ≥ 800                |     | 93.3                   | 95.3 | 96.5 | 99.1         | 99.2 | 99.4 | 99.8  | 99.8 | 99.8 | 99.6 | 99.8 | 99.8  | 99.6   | 99.8  | 99.5  |
| ≥ 700                |     | 93,3                   | 95.1 | 96.9 | 99.1         | 99.2 | 99.4 | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.3  | 99.8   | 99.9  | 99.5  |
| ≥ 600                |     | 03.1                   | 95.3 | 96.5 | 99.1         | 99.2 | 99.5 | 99.9  | 99.9 | 99.9 | 99.9 | 99.9 | 49.9  | 59.9   | 99.9  | 99.3  |
| ≥ 500                |     | 93.1                   | 95.3 | 96.5 | 99.1         | 99.2 | 99.5 | 99.9  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9   | 99.9  | 99.9  |
| ≥ 400                |     | 93.1                   | 95.3 | 96.5 | 99.1         | 99.2 | 99.5 | 99.9  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 9.9    | 99.9  | 99.9  |
| ≥ 3 <b>0</b> 0       |     | 93.3                   | 95.3 | 96.5 | 99.1         | 99.2 | 99.5 | 99.9  | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0  | 100.0 | 100.0 |
| 2 200                |     | 93.3                   | 95.3 | 96.5 | 99.1         | 99.2 | 99.5 | 09.9  | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0  | 100.0 | 100.5 |
| ≥ '06                |     | 93.                    | 95.1 | 76.5 | 9.1          | 99.2 | 99.5 | 99.9  | 99.9 | 99.9 | 99.0 | 99.9 | 100.0 | 100.0  | 100.0 | 100.0 |
| 2 0                  |     | 93.3                   | 95.3 | 96.5 | 99.1         | 99.2 | 99.5 | 99.9  | 99.9 | 99.9 | 99.7 | 99.9 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

AL TAL SLIMATOLOGY BRANCH AT - PEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

172 1 LAUES AS AT

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LIGHT)

| CEIL NO             |               |              |              |                  |              |              | ٧١S          | B . ** 51    | ATUTE MIL    | ES           |              |              |              |                  |              |               |
|---------------------|---------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|---------------|
| 1956.1              | ≥ ' \$        | ≥6           | ≥5           | ≥ 4              | ≥3           | ≥2%          | ≥ 2          | ≥ . %        | ≥1%          | ≥ '          | ≥ 4          | ≥ %          | <b>≥</b> ′   | ≥ 5/16           | ≥ 4          | ≱¢            |
| NO CEUNG<br>≥ 20000 |               | 1 . 4        |              |                  | 19.4<br>30.7 | 19.4         | 19.4         |              | 19.4<br>36.7 | 19.4<br>30.7 | 17.4         | 19.4         | 1° • 4       | 19.4             | 19.4         | 17.4          |
| ≥ 18000<br>≥ 16000  |               | 3.0.7        | 30.7         | 30 • 7           | 30.7         | 33.7         | 30.7         | 30.7         | 30.7         | ₹6.7         | 30.7         | 30.7         | 30.7         | 35.7             | 30.7         | 3u • 7        |
| ≥ 14000             |               | 3 \ . 7      | 30.7         | 30.7             | 37.7         | 30.7<br>30.7 |              |              | 30.7<br>30.7 | 30.7<br>31.7 | 30.7         | 30.7         | 30.7         |                  | 37.7         | 73.7          |
| ≥ 200C              |               | 30.4         | 37.9         | 35.9             | 30.9         | 34.9         |              |              | 30.9         | 30.9         |              | 30.9         | 30.9         | 3 C . V          | 30.7         | -300          |
| 2000€ ≤             |               | 31.4<br>71.9 | 31.9<br>32.0 | 31.9<br>32.0     | 31.9<br>32.0 |              | 31.9<br>32.7 | 31.9         | 31.°<br>32.0 | 31.9<br>32.0 | 31.9<br>32.0 | 31.9<br>32.9 | 31.9<br>32.7 | 32.              | 31.7<br>32.0 | 71.5          |
| ≥ 800C<br>≥ 700C    |               | 37.7<br>37.9 | 37.8<br>35.2 | 37.9<br>36.3     | 30.0         | - 1          | 38.0<br>38.4 |              | 36.4         | 36.4         | 36.0<br>36.4 | 38.0<br>38.4 | 34.0<br>38.4 | 36.4             | 35.5<br>36.4 | 38.5<br>38.4  |
| ≥ 6000<br>≥ 5000    | <del></del> - | 37.7         | 38.2         | 38.3             | 30.4         | 38.4         | 38.4         | 38.4         | 35.4         | 38.4         | 38.4         | 38.4         | 32.4         | 35.4             | 30.4         | ₹8.4          |
| ≥ 4500              |               | 37.9<br>38.8 | _            | 38 • 3<br>39 • 1 | 39.5         |              |              |              |              | 38.6<br>34.5 |              | 38.6         |              | 38.5             | 39.5         | 29.5          |
| ± 4000<br>≥ 3500    |               | 74.1         |              | 48.8             | 75.7         | 49.1<br>75.7 | 75.7         | 49.1<br>75.7 | 49.1<br>75.7 | 49.1<br>75.7 | 49.1<br>75.7 | 49.1         | 75.7         | 49 • 1<br>75 • 7 | 49.1         | 49.1          |
| ≥ 3000              |               | £ 3 . 3      | 64.5         | 85.0             |              | 86.5         | 86.5         | 66.5         | 86.5         | 86.5         | 86.5         | 86.5         | 85.5         | 86.5             | 85.5         | 50.5          |
| ≥ 2500<br>≥ 2000    |               | 24.7         | 85.4<br>85.9 | 86 • 1           |              |              | 87.5<br>88.3 |              |              | 87.5<br>88.3 |              | 97.5<br>98.3 | 87.5<br>88.3 | 88.3             | 37.5<br>68.3 | 47.5<br>38.3  |
| ≥ 1800<br>≥ 1500    |               | 44.9         | 86.1         | 86.9             | 88.5         | 88.7         | 88.7         | 88.7         | 68.7         | 88.7         |              | 88.7<br>95.2 | 68.7<br>95.2 | 88.7             | 58.7<br>95.2 | 88.7<br>95.7  |
| ≥ 1200              | <del></del>   | 89.4<br>97.8 |              | 92.6             |              |              |              |              | 90.0         | 95.2<br>98.0 | 98.5         | 98.0         | 98.0         | 9 <b>5.</b> 2    | ç8.7         | 76.7          |
| ≥ .000              |               | 91.3         | 94.1         | 95.2             |              |              |              | 99.1         | 99.2         |              | 99.3         | 99.2         | 99.2         | 99.2             | 99.7         | 99.3          |
| ≥ 800               |               | 91.4         | 94.2         | 05.4             | 98.9         | 99.3         | 99.6         | 99.6         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.5             | 99.0         | 99.H          |
| ≥ 700<br>≥ 600      |               | 91.4         |              |                  |              | - 1          | 99.6         |              |              |              |              | 99.8<br>99.8 |              |                  |              | 94.8          |
| ≥ 500<br>≥ 400      |               | 91.4         | 94.2         | 1                | 99.1         | 99.4         | 99.8         |              | 99.9         |              |              |              | • • •        |                  |              | 99.9          |
| ≥ 300<br>≥ 200      |               | 91.4         | 94.2         | 95.4             | 99.1         | 99.4         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 29.9             | y9.9         | 09.0          |
| ≥ 100               |               | 91.4         | 94.2         |                  |              |              | 99.8         |              |              |              | 99.9         |              |              |                  |              | 99.9<br>100.7 |
| ≥ 0                 |               | 91.4         | 94.2         | 95.4             | 99.1         | 29.4         | 99.8         | 99.8         | 99.9         | 94.9         |              |              |              |                  | 99.9         | 100.1         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

SUIFAL CLIMATOLOGY BRANCH CAFETAC AT - MEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 2 1 LAUES AS AZ

72-81

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIL NO              | VISIBLEY STATUTE MILES |              |              |                  |              |              |              |                   |              |              |              |              |                    |                      |              |                |
|----------------------|------------------------|--------------|--------------|------------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|--------------|--------------------|----------------------|--------------|----------------|
|                      | <b>5</b> .0            | ≥ 6          | ≥ 5          | ≥ 4              | ≥ 3          | ≥2%          | ≥ 7          | ≥ - ½             | ≥1%          | ≥'           | ≥ %          | ≥ %          | ≥ ∨                | ≥ 5/16               | ≥ ′4         | ≥c             |
| NO CEUNO.<br>≥ 20000 |                        | 21.0         | 21.0         | 71.0             | 21.0         | 21.0<br>32.0 |              | 21.0<br>32.0      |              | 21.0         | 21.0<br>32.0 | -            | 21.1               | 22.                  | 21.7<br>32.7 | 21.0           |
| ≥ 18000<br>≥ 16000   |                        | 72.3         | 32.3         | 32 • 3           | 32.3         | 32.3         | 32.3         | 22.3              | 32.3         | 32.3         | 32.3         | 32.3         | 32.3               | 32.3                 | 32.3         |                |
| ≥ '460C              |                        | 32.3         | 32.3<br>32.3 | 32 · 3           | 32.3<br>32.3 | 32.3<br>32.3 | 32.3         | 32.3<br>32.3      | 32.3         | 72.3<br>32.3 | 32.3<br>32.3 |              | 32.3<br>32.3       |                      | 32.3         | 32.3           |
| ≥ 2000               |                        | 32.5         |              | 32.5             |              |              |              | 32.5              | 32.5         | 32.5         | 32.5         | 32.5         | 32.5               |                      | 37.5         | 32.5           |
| ≥ 9000               |                        | 33.5<br>33.6 | 33.5<br>33.6 | 33.5<br>33.6     | 33.5<br>33.6 |              | 33.5<br>33.6 | 33.5<br>33.6      |              | 33.5<br>33.6 |              | 33.5<br>33.6 | 33.5<br>33.6       |                      | 33.5<br>33.6 | . 33.6<br>33.6 |
| ≥ 8000<br>≥ 7000     |                        | 38.2<br>39.4 |              |                  | 38.2         | 38.2         |              |                   |              | 38.2<br>38.5 |              |              | 3 · . 2<br>3 · . 5 | 36.2<br>36.5         | 38.2<br>35.5 | 30.2<br>35.5   |
| ≥ 6000<br>≥ 5000     | <del></del>            | 39.4         | 39.5         | 39.5             | 38.5         | 38.5         | 38.5         | 38.5              | 38.5         | 3ê.5         | 38.5         | 38.5         | 33.5               | 38.5                 | 38.5         | 75.5           |
| ≥ 4500               |                        | 40.2         |              | 38 • 6<br>40 • 4 | 38.6<br>40.4 |              |              | 38 • 6<br>4 C • 4 |              |              |              |              | 35.4               |                      | 47.4         |                |
| 2 4000<br>> 3500     |                        | 50.5<br>79.0 | 230          |                  |              |              |              |                   |              | 58.9<br>80.0 | 50.9<br>€0.0 |              | 57.9<br>07.7       |                      | 50.9<br>50.0 | 5000           |
| ≥ 3000               |                        | 26.0         | 87.2         |                  |              |              |              | 56.2              |              | 88.2         |              | 1            | 59.2               |                      | -9-2         | 68.2           |
| ≥ 2500<br>≥ 2000     |                        | 85.7<br>27.2 | 88.2         | 88 - 8           |              | 89.4<br>90.1 |              | 89.4<br>90.1      | 89.4<br>90.1 |              | 89.4<br>90.1 | 90.4         | 89.4<br>90.1       | 89.4<br>90.1         | 59.4<br>50.1 | 69.4<br>40.1   |
| ≥ '800<br>≥ 1500     |                        | 37.3         | 88.9         | 99.5<br>95.4     |              |              |              | 90.2              | - 1          | 90.2         |              | 90.2         | 50.2<br>96.8       |                      | 97.?<br>96.8 | 90.2           |
| ≥ 1206<br>≥ 1000     |                        | 52.2         | 94.6         | 95.9             | 97.8         | 97.8         | 97.9         | 97.9              | 97.0         | 98.3         | 99.1         | 98.1         | 98.2               | 78.2                 | 98.2         | 98.2           |
| ≥ 906<br>≥ 800       |                        | 92.9         | 94.8         | 96.2             | 98.2         | 98.2         | 98.7         | 98.7              | 98.7         | 98.9         | 99.1         | 99.1         | 99.2               | 99.2                 |              | 09.2           |
| ≥ 700<br>≥ 600       |                        | 92.5         | 94.8         | 96.2             | 98.4         | 98.4         | 98.8         | 98.8              | 98.8         | 99.1         | 99.2<br>99.2 | 99.2         | 99.3               | 99.3                 | 99.3         | 79.3           |
| ≥ 500                |                        | 92.5         |              | 96.2             | 98.5         |              |              | 98.8<br>99.2      |              |              | 99.2         |              | 59.6               | 29.6                 | 99.5         | 79.5           |
| ≥ 400                | <del></del>            | 92.5         |              |                  | 98.5         |              |              | 99.2              |              |              |              |              | 99.6               | 79.6                 |              | 99.E           |
| 2 200                | <del></del>            | 92.5         | 94.8         | 96.2             | 98.6         | 98.6         | 99.3         | 99.4              | 99.4         | 99.6         | 99.8         |              | 99.9               | 79.9                 | 99.9         | 99.0           |
| > 100<br>> 0         |                        | 92.5         | 1 1          | 96 • 2<br>96 • 2 |              |              |              | 99.4              | 99.4         | 99.6         |              |              | 99.9<br>99.9       | 99.9<br><b>39.</b> 9 |              | 130.0          |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 45

HE PART CHIMATOLOGY BRANCH OF SECTAC AT ACATHOM SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 2 1 LAUES AH AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 C ( C = 1 7 C )

| 2   2000   | En No |                   |      |             |                                       |      |      | V15  | B . * Y 51    | ATUTE MILE | E S  |      |      |       | <del></del> |      |             |
|--|-------|-------------------|------|-------------|---------------------------------------|------|------|------|---------------|------------|------|------|------|-------|-------------|------|-------------|
| 2 2000   | PEET) | ≥ '5              | ≥6   | ≥ 5         | ≥ 4                                   | ≥ 3  | ≥2%  | ≥ ;  | ≥ . ½         | ≥1%        | ≥,   | ≥ %  | ≥ %  | ≥ ∨:  | ≥ 5/16      | 2 4  | ≥č          |
| 29.00 29.7 29.7 29.7 29.7 29.7 29.7 29.7 29.7  |       |                   | 29•€ | 20.0        | ם•מה                                  | 20.0 | 20.0 | 20.0 | 20.0          | 20.0       | 25.0 | 20.0 | 20.0 | 20.0  | 20.0        | 30.0 | D0.€0       |
| 2 6000 2 70,7 20,7 20,7 20,7 20,7 20,7 20,7 20,  | 2000C |                   | 29.7 | 29.7        | 29.7                                  | 29.7 | 29.7 | 29.7 | 29.7          | 29.7       | 29.7 | 29.7 | 29.7 |       | 29.7        |      |             |
| 2 4000 2 7000 3 1 1 4 31 1 3 1 6 31 6 31 1 6 31 6 31 6   |       |                   | 20.7 | 29.7        | 29.7                                  | 29.7 | 29.7 | 29.7 | 29.7          | 29.7       | 25.7 | 29.7 | 29.7 | 27.7  | 29.7        | 29.7 | 24.7        |
| 27.6 29.6 29.6 29.8 29.8 29.8 29.8 29.8 29.6 29.6 29.6 29.8 29.8 29.8 29.8 29.8 29.8 29.8 29.8   |       |                   |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      |             |
| 2  |       |                   | 27.7 | 29.7        | · · · · · · · · · · · · · · · · · · · |      |      | 1    |               | 1          |      |      |      |       | _           |      | 79.7        |
| 2   9000   31.4   31.4   31.6   31.   |       |                   |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      | - y . e     |
| 2 8000   |       | 1                 |      |             |                                       |      |      |      |               |            |      | -    |      |       |             |      | 75.7        |
| 2 7000 37.7 37.8 38.0 38.0 38.0 38.0 38.0 38.0 38.0 38   |       |                   |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      | 31.0        |
| 2   6000   37.7   37.4   38.   |       |                   | •    |             |                                       |      |      |      |               |            |      |      | - 1  | - 1   |             |      | 37.2        |
| 2 5000 2 4000 3 7.7 3 7.8 3 9.0 3 9.1 3 9.   |       | $\longrightarrow$ |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      | - 0 •       |
| 2 4500   |       | 1                 | - 1  | 1           |                                       |      |      |      |               |            | ı .  |      |      | T - 1 |             |      | 30.00       |
| 2 3500   |       | ——                |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      | 30.5        |
| 2 1500 2 1500 3 100  |       | ł                 | 7    |             |                                       |      |      |      |               | 1          | . ,  | }    |      |       |             |      | 39+1        |
| 2 1000   |       |                   |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      | <u>-1-1</u> |
| 2 2500   |       | ,                 |      |             |                                       |      |      | 1    |               |            | -    |      |      |       |             |      | 30.3        |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$   |       |                   |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      |             |
| 2 1800   |       |                   |      |             | 1                                     |      |      |      | -             |            |      |      | 1    |       |             |      | 89.5        |
| 2   1500   91.6   92.9   93.6   94.7   94.7   95.1   95.1   95.1   95.2   95.   | +     |                   |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      | 91.         |
| 2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200<br>2 1200 |       |                   |      |             |                                       | 1    |      |      |               |            |      | 1    | 1    |       |             |      | ا د د ک     |
| 2 000  | 1200  |                   |      | <del></del> |                                       |      |      |      |               |            |      |      |      |       |             |      | 97.0        |
| 2 90C  |       | }                 | 7    |             |                                       |      |      |      |               |            |      |      | - 1  | - 1   |             |      | 79.1        |
| 2 800 92.8 95.1 95.9 97.8 97.9 98.5 98.8 98.9 99.1 99.1 99.2 97.3 99.4 99.5 97.5 270.5 900 92.9 95.2 96.0 97.9 98.0 98.6 98.9 99.1 99.2 99.2 99.3 99.4 99.5 97.5 20.5 900 92.9 95.2 96.0 97.9 98.0 98.6 98.9 99.1 99.2 99.2 99.3 99.4 99.5 99.5 99.5 99.5 90.5 90.5 90.5 90.5  | onc.  |                   |      |             | _                                     |      |      |      |               |            |      |      |      |       |             |      | C9.7        |
| 2 700  |       |                   |      | •           |                                       |      |      |      |               | _          | - 1  |      | 1    |       |             |      |             |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  | 200   |                   |      |             |                                       |      |      |      | $\overline{}$ |            |      |      |      |       |             |      | 99.5        |
| ≥ 500<br>≥ 400<br>2.9 95.2 96.0 97.9 98.0 98.6 98.9 99.1 99.2 99.4 99.5 99.6 79.8<br>2.9 95.2 96.0 97.9 98.0 98.6 98.9 99.1 99.2 99.4 99.5 99.6 99.6<br>≥ 300<br>2.9 95.2 96.0 97.9 98.0 98.6 98.9 99.1 99.2 99.4 99.5 99.6 99.5<br>2.00 92.9 95.2 96.0 97.9 98.0 98.6 98.9 99.1 99.2 99.4 99.5 99.6 99.5<br>92.9 95.2 96.0 97.9 98.1 98.8 99.2 99.3 99.4 99.4 99.5 99.8 99.91 .0.00   |       |                   |      |             |                                       |      |      |      |               | . • -1     |      |      |      |       |             |      |             |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  | 500   |                   |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      |             |
| 2 300 92.9 95.2 96.0 97.9 98.0 98.6 98.9 99.1 99.2 99.4 99.5 99.6 99.5 200 92.9 95.2 96.0 97.9 93.1 98.8 99.2 99.3 99.4 99.4 99.5 99.8 99.91 0.00  |       |                   |      |             |                                       | - 1  |      |      | 1             |            |      |      |      |       | -           |      | 99.3        |
| 200 92.9 95.2 96.0 97.9 93.1 98.8 99.2 99.3 99.4 99.4 99.5 99.8 99.91.0.C  | 300   | $\overline{}$     |      |             |                                       |      |      |      |               |            |      |      |      |       |             |      | 9.8         |
|  |       | 1                 |      |             |                                       | -    |      |      |               | * *        |      |      | -    | - 1   |             |      |             |
| > 100  | 106   |                   | 72.9 |             |                                       |      |      |      |               |            |      |      |      |       |             |      |             |
| 2.9 95.2 96.2 97.9 98.1 98.8 99.2 99.3 99.4 99.4 99.6 99.8 99.9130.0   | 1     |                   |      |             |                                       | -    |      |      |               |            | 1    |      | 1    | -     |             |      |             |

TOTAL NUMBER OF OBSERVATIONS

EL HAL CLIMATOLOUY BRANCH HE AFLTAC ATT REATHER SERVICE/MAG

## CEILING VERSUS VISIBILITY

1 2 1 LAJES A 4 A 2

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1107-101. Hours (L.s.y.)

| CELNO              |       |         |      |        |      |      | + · S  | 8.*+ 5* | ATUTE MIL | E5    |               |               |                    |              |         | _                                |
|--------------------|-------|---------|------|--------|------|------|--------|---------|-----------|-------|---------------|---------------|--------------------|--------------|---------|----------------------------------|
| (FEE*)             | ≥``\$ | ≥ 6     | ≥ 5  | ≥4     | ≥ 3  | ≥27  | ≥;     | ≥ ″     | 21%       | ≥`    | ≥ 4           | ≥%            | ≥ v                | ≥ 5/16       | 24      | 2€                               |
| NO CEUNO           |       | .1.2    | 21.3 | 11.2   | 21.2 | 21.2 | 21.2   | 21.2    | 21.2      | 21.2  | 21.2          | 21.2          | 21.2               | 01.0         | 21.2    | .1.7                             |
| ≥ 20000            |       | 7 2     | 30.2 | 36.02  | 30.2 | 70.2 | 30.2   | 30.2    |           | 30.2  | 30.2          | 30.2          | 30.2               |              | 3 1.2   | 7 3 6 3                          |
| ≥ 18000            |       | 70.3    | 30∙2 | 30.2   | 33.2 | 3ს•2 | 30 • 2 | 30.2    | 30.2      | 30.2  | 30.2          | 30.2          | 30.2               | ₹2.0         | 30.5    | 30.2                             |
| ≥ 16000            |       | ₹ 3 • 2 | 30.2 |        | 30.2 |      |        | 20.2    | 30.2      | 30.2  | 3C.2          | 30.2          |                    | 30.2         | 33.2    | 30.2                             |
| ≥ 1400C<br>≥ 1200C |       | 33.2    |      | 30 • 2 |      |      |        | 30.2    | 30.2      |       | 30.0          | 30.2          |                    | 30.0         | કે.ે•?  | 7C•                              |
|                    |       | 30.2    | 30.2 |        | 2    |      |        | 30.2    | 30.2      |       |               | 30.2          |                    | 70.7         | 30.2    | 3000                             |
| ≥ 10000            |       | 10.4    | 30.4 | 39.4   | 30.4 | 1    |        |         |           |       |               | 30.4          |                    | 70.4         | 30.4    | 75.4                             |
|                    |       | 30.7    | 30.7 |        | 30.7 |      |        |         | 30.7      |       |               | 30.7          |                    |              | 7       |                                  |
| ≥ 8000<br>≥ 7000   |       | 35.2    |      | , ,    |      | -    |        |         |           |       |               | ₹6.2          |                    | 36.2         | 36.2    | 75.3                             |
|                    |       | 27.1    | 37.1 | 37.2   | 37.2 |      |        | 37.2    |           |       |               |               |                    |              | 37.3    |                                  |
| ≥ 6000<br>≥ 5000   |       | 37.1    |      | 37.2   | -    |      | 1      | 1       |           |       | 37.2          | 37.2          | 37.2               | 37.2         | 37.2    | 37.5                             |
|                    |       | 37.1    | 37.1 | 37.2   | 37.2 | _    |        |         |           | - · · | 37.7          | 37.2          |                    |              | 37.2    |                                  |
| ≥ 4500<br>≥ 4000   |       | 37.0    |      |        | 34.0 |      |        |         | -         | 35    | 38.0          | 38.0          | 3 1 • 3<br>4 ° • 3 | 38.0         | 30.0    | "ວຸ.<br>ພູຊູງ                    |
| ≥ 3500             |       | 70.0    |      | 90.3   | 80.6 |      | 80.6   | 80.6    |           |       |               |               | 90.6               | 48.3<br>60.6 | 37.6    |                                  |
| ≥ 3000             |       | 09.1    | 89.8 |        | 90.3 | 70.5 |        | 90.6    |           |       |               | 9. <b>.</b> 6 |                    |              | y 3 • 5 |                                  |
| ≥ 2500             | -     | 88.3    | 89.  | 95.1   | 90.6 |      |        | 9C • 8  |           |       |               | 90.3          |                    | 90.8         | 95 B    | 63.5                             |
| 2000               |       | 28.7    | 87.5 | 96     |      |      |        | 91.9    |           | 1     |               |               |                    | - 1          | 71.5    | 31.                              |
| ≥ 1800             |       | 68.7    | 39.6 |        | 91.6 |      |        | 92.3    | 92.0      | _     |               |               | 92.0               | 92.0         | ~2 G    |                                  |
| ≥ 1500             |       | 71.2    | 92.5 |        | 94.8 |      |        | 95.2    |           |       |               | 95.2          | V5 2               |              | 95.2    | 5.2                              |
| ≥ 1200             |       | 72.5    | 93.  | 95.4   | 97.2 |      |        | 97.5    |           |       |               |               | 97.5               | 97.5         | 97.5    |                                  |
| ≥ .000             |       | 73.2    | 94   | 96.5   | 98.4 |      |        | 99.1    |           | 1     |               | -             | •                  |              |         | 99.2                             |
| ÷ 900              |       | 93.2    | _    | 96.5   | 98.4 | 98.5 |        | 99.1    |           |       | 99.2          |               | 99.2               | 99.2         | 49.3    | 99.3                             |
| ≥ 800              |       | 03.2    | 94.9 |        | 98.8 |      | 1      | 99.6    |           | 99.8  | -             |               | 99.8               | 39.8         | 90.5    | 99.5                             |
| ≥ 700              |       | 93.2    | 94.9 | 96.7   | 99.8 | 98.9 | 99.4   | 99.8    | 99.4      | 99.9  | 99.9          | 99.9          | 65.6               | 99.5         | 19.9    | 49.0                             |
| ≥ 600              |       | 23.2    | 94.9 | 96.7   | 98.8 | 98.9 | 99.5   | 99.9    |           | 106.d | 130.d         | 100.0         | 160.3              | 100.0        | 100.0   | 100.0                            |
| ≥ 500              |       | 23.2    | 54.9 | 96.7   | 98.6 | 98.9 | 99.5   | 99.9    | 99.0      | 100.0 | 100.7         | 100.0         | 13 .3              | 1~0.0        | 10000   | 100.0                            |
| ≥ 40C              |       | 93.2    | 94.9 | 96.7   | 98.8 | 98.9 | 99.5   | 99.9    | 99.9      | 100.0 | <u> 100.0</u> | 100.0         | <u> 155.0</u>      | 100.0        | 1,7.3   | 1 ئىلىن ئارىيا<br>1 ئىلىن ئارىيا |
| ≥ 300              |       | 73.2    | 94.9 | 76.7   | 99.8 | 98.9 | 99.5   | 99.9    | 99.9      | 100.0 | 100.0         | 100.0         | 100.0              | 100.0        | 100.0   | 100.0                            |
| ≥ 200              |       | 93.2    | 94.9 | 96.7   | 98.8 | 98.9 | 99.5   | 99.9    | 90.9      | 100.0 | 100.0         | 100.0         | 100.0              | 100.0        | 150.0   | 100.0                            |
| > 100              |       | 93.2    | 94.9 | 96.7   | 98.8 | 98.9 | 99.5   | 99.9    |           |       |               |               |                    | •            | ם.םם 1  |                                  |
| ≥ 0                |       | 93.2    | 94.9 | 96.7   | 98.8 | 98.9 | 99.5   | 99.9    | 99.9      | 150.Q | 100.3         | 100.0         | 100.0              | 100.0        | 162.2   | 100.0                            |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

PL FAL CLIMATOLOGY PRANCH FAR ETAC AT FATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 . (" = 2 7 )

| CE4 NO               |             |              |              |              |              |              | +15          | 58. ** 5*    | ATUTE MIL        | .E5          |              |              |                | _                |                |               |
|----------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|----------------|------------------|----------------|---------------|
| (F.E.)               | <b>≥</b> 'C | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2%          | ≥ ;          | ≥ ′′.        | ≥1%              | ≥,           | ≥ 4          | 2%           | 2 /            | ≥5/16            | 2 4            | ≥.            |
| NO 1E/UNG<br>≥ 20000 |             | 23.5<br>32.5 |              | 32.5         |              | 24.5         | 1            | 1            |                  | 21.5         | 1 1          | 25.5<br>32.5 |                |                  | 32.0           | . 6           |
| ≥ 18000<br>≥ 6000    |             | 72.5         | 32.5         | 32.5         | 32.5         | 32.5         |              | 32.5         | 32.5             | 32.5         | 32.5         | 32.5         | 32.5           | 22.5             | 32.5           | 32.           |
| ≥ 1460C<br>≥ 1200C   |             | 32.5         | 32.5<br>32.5 | 32.5<br>32.5 |              | 72.5         |              |              |                  | ,            | 37.5°        | 32.5<br>32.5 | 32.5           | 32.0             | 32.5           | 32.1<br>72.   |
| ≥ 9000               |             | 32.7<br>32.7 | 32.7<br>32.7 | 32.7<br>32.7 | 32.7<br>32.7 | 32.7         |              |              |                  | 32.7<br>32.7 | 32.7<br>32.7 | 32.7         | 32.7<br>32.7   | 32.7             | 32.7           | 33.7          |
| ≥ 8000<br>≥ 7000     |             | 34.8<br>35.1 | 35.1         | 35.3         | 34.9<br>35.4 | - 1          | 1            |              | 34.9<br>35.4     | 34.9         | 34.          | 34.9         |                | 34.7             | 34.0           | 34.€          |
| ≥ 6000<br>≥ 5000     |             | 35.4<br>35.4 |              | 35.5<br>35.5 |              | 35.6<br>35.6 |              | 35.6<br>35.6 |                  |              | ı ,          | 35.6<br>35.6 | 31.6<br>35.6   | ₹5.6<br>₹5.6     | 35.4<br>35.5   | T .           |
| ≥ 4500<br>± 4000     |             | 35.7<br>43.9 | 35.7<br>43.9 | 35.9<br>44.0 | 36.0         | 36.0<br>44.1 | 35.0<br>44.1 |              | 36 • 1<br>44 • 1 |              |              | 36.0         | 3 · • 0        | 36 . )<br>44 . 1 | 44.1           | 70.0          |
| ≥ 3500<br>≥ 3000     |             | 78.2<br>87.3 | 90.3         | 79.5<br>91.6 | 79.9<br>92.2 | 79.9<br>92.2 |              | 79.9<br>72.2 |                  |              | 3.05<br>3.26 | 57.0<br>92.3 |                | 50.3             |                |               |
| ≥ 2500<br>≥ 2000     | -           | 90.5         | 91.6         |              | 93.6         | 93.0<br>93.6 | 93.6         | c3.6         |                  |              | 97.1<br>93.7 |              |                | 93.1<br>93.7     | 93.1<br>47.7   | ·3·1          |
| ≥ '800<br>≥ 1500     |             | 73.8<br>73.1 | 94.6         | 96.2         | 93.8<br>97.2 | 97.2         |              | 27.2         | 97.3             | 97.7         | 97.3         |              | 97.3           | 07.3             | √7.3           | 7.            |
| ≥ 1200               |             | 93.7         | 96.2         | 98.0         |              |              | 99.4         | 99.4         | 99.5             | 99.5         | 99.5         |              | 99.5           | 99.5             | 99.5           |               |
| ≥ 900<br>≥ 800       |             | 74.7         | 96.2         | 98.1         |              |              | 99.8         | 99.5<br>99.8 | 99.9             | 99.9         | 99.9         |              | 97.9           | 09.9             |                |               |
| ≥ 700<br>≥ 600       |             | 94.7         | 46.2         |              | 99.4         |              | 99.8         | 99.8         | 99.9             | 99.9         | 99.3         |              | 99.9           | 09.0             | 59.9           | 60.0          |
| ≥ 500<br>≥ 400       |             | 34.7         |              |              | 99.4         |              | 90.8         | 99.8         | 99.9             |              | 59.7         | 93.9         | 50.9           |                  | 97.0           |               |
| 2 300<br>2 200       |             | 94.7         |              |              | 99.4         |              | 99.8         | 99.8         | 100.0            | 100.0        | 100.0        | rac.o        | 100.0          | 1000             | 1 /D.n         | 100.1         |
| ≥ 100<br>≥ 0         |             | 94.7         | 96.2<br>96.2 |              | 7            | 99.4         | 99.8         | 99.8<br>99.8 | 192.9<br>188.9   | 100.0        | 100.0        | 100.0        | 100.0<br>100.0 | 100.0<br>100.0   | 100.0<br>100.0 | 100.1<br>100. |

TOTAL NUMBER OF OBSERVATIONS

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AL CESMATREDLY PRANCH. CATHOL SERVIC IMAG

## CEILING VERSUS VISIBILITY

STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| 1 4,                       |     |               |              |                   |                      |              | -15                  | B. ** 5*     | ATUTE MIL | E S                 |              | -            |                |              |                 |           |
|----------------------------|-----|---------------|--------------|-------------------|----------------------|--------------|----------------------|--------------|-----------|---------------------|--------------|--------------|----------------|--------------|-----------------|-----------|
| # # T #                    | ≥ ^ | ≥ 6           | ≥ :          | ≥ 4               | 2 3                  | 52%          | ≥ ;                  | ≥ √/,        | ≥11%      | ≥ '                 | ≥ 4          | ≥ %          | ≥ ″            | ≥ 5/16       | ≥ 4             | ≥:        |
| er e e                     |     | 24.0<br>24.1  | 24.1         | 2 4 • 0<br>30 • 8 |                      | 74.0<br>30.8 |                      | 24.J<br>30.8 |           | 24.0<br>16.0        | 24.1<br>30.5 | 24.1<br>30.8 | 24.0<br>31.3   | 24.0         | ្នែ ។<br>វិទី ន | 7         |
| 8 BY67                     |     | "∪•<br>"u•    | 30.4<br>30.4 | 30 • a            | 30.8<br>30.8         | 30.8         | _ ` ` .1             | 30.8<br>30.8 |           | 71 o ≥<br>36 o 8    | 30 • °       | 70.3<br>35.6 |                | 70.5<br>70.5 | 7 a             | 1         |
| 2 4900<br>2 2500           |     | :∩.<br>?5.    | 30.e         | 30.8<br>30.9      | 30.8<br><b>3</b> 0.9 | 33.8<br>30.9 | 30.8<br>30.9         |              |           | 30.8<br>30.9        | 30.8<br>30.3 | 30.9         | د، م<br>د م    | 30.9<br>30.9 | 33<br>379       | 30 m      |
| 7 750<br>7 7500            |     | 71.3<br>1.4   | 31.5<br>31.5 | 31.3<br>31.5      | 31.3<br>31.5         | 31.3         |                      |              | 31.5      | 31.3<br>31.5        | 31.3         | 31.5         | 31.5           | 31.5         | 31.3<br>31.5    | 21.5      |
| 2 80 06<br>2 7000          |     | 7 • 6         | 35.7         | 35 . 5            | 35.9                 | 15.9         | 35.9                 | 35.9         | 35.9      | 35.2<br>35.9        | 35.2<br>35.4 |              | 35.9           | 35.0         |                 | 35.0      |
| 2 5000                     |     | 77.06         | 35.7         | 35.9              |                      | 35.9         |                      | 35.9         | 35.9      | 36.3                | 36.          | 36.0         | 36.0           | .6.0         | 30.5            | 7002      |
| 1 4500<br>1 4000           |     | 31.4<br>46.5  | 36.5<br>46.6 | 46.7              |                      | 36.7         | 46.9                 | 46.9         | 46.0      | 46.0                | 45,3         |              | 36.7<br>46.9   | 46.9         | 45.0            | 4609      |
| ± 3500<br>± 3000<br>+ 2500 |     | 77.7<br>-7.2  | 7°•1         | 75.8<br>89.1      | 87.8                 | 89.8         | 99.9                 | 89.9         | 59.9      | <del></del>         | £9.9         | 89.9         | <u>ૄું 6</u> 9 | 89.7         |                 | 99.3      |
| 2 800<br>2 800             |     | 7.9           | 89.7         | 89.8<br>90.5      | 91.5                 | 71.5         | 90.6<br>91.6<br>91.8 | ol.6         | 91.5      | 0.7<br>01.6<br>01.9 | 91.6         | 91.5         | 01.6           | 21.0         | 92.7<br>91.5    | 91.5      |
| 2 150C                     |     | -8.6<br>-/1.4 | 97.2<br>94.0 | 44.4              | 91.7<br>95.8<br>97.8 | 95.8         | 96.5<br>98.1         | 96.0         | 46.0      | 96.1<br>98.3        | 26.1         | 91.9<br>96.1 | 96.1           | 76.1         | 56.1            | 25.1      |
| 2 000                      |     | - 3.1         | 95.2         | 76.5              |                      | 78.7         | 99.0                 | 99.1         | 99.2      | 99.3                | 99.2         | 99.3         |                | 59.3         | 99.3            | ^9•3      |
| ≥ 800<br>≥ 700             | -   | 93.1          | 95.2         | 96.6              | 98.9                 | 59.7         | 99.4                 | 99.5         | 99.4      |                     | 99.7         |              | 99.7           | 9.7          | 99.7            | 99.7      |
| ≥ 600<br>≥ 500             |     | 73.1          | 95.2         | 26.6              | 99.9                 | -            | 99.4                 | 99.6         | 99.6      | 99.7                | 99.7         | 99.7         |                | 59.3         | 99.2            | 99.6      |
| 2 40C<br>≥ 300             |     | 93.           | 95.2         | 96.6<br>96.6      | 98.9                 |              | 99.5                 | 99.6         | 99.7      | 99.8                | 99.€         | 99.9         | 99.9           | 20.9         | 37.¢            | 99.0      |
| ≥ 200<br>≥ 100             |     | ₹3.1          | 95.2         | 96.6<br>96.6      | 48.9                 | 99.1         |                      | 99.7         | 99.8      | 99.9                |              | 99.9         | 90.9           | 1 2.0        |                 |           |
| <i>≥</i> 0                 |     | 93.1          | 95.2         | 96.6              | 93.9                 | 93.1         | 99.5                 | 99.7         | 99.8      | 99.9                | 99.9         | 99.9         | 99.9           | 1.0.         | 1 40.7          | 1 " Ú • 1 |

EL PAL CLIMATOLOGY BRANCH TARETAC ATH VENTHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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| TE: NO                 |             |      | -           |          |        |      | ٧١S  | B.** 5*/ | ATUTE MILE   | <b>E</b> 5   |      |      |       |        |      |              |
|------------------------|-------------|------|-------------|----------|--------|------|------|----------|--------------|--------------|------|------|-------|--------|------|--------------|
| 1956.1                 | <b>5</b> .c | ≥6   | ≥5          | ≥ 4      | ≥ 3    | ≥2%  | ≥2   | ≥ √2     | ≥1%          | 5,           | 2 4  | ≥%   | ≥ 4   | ≥ 5/18 | ≥ 4  | ≥c           |
| NO CERNO               |             | 37   | 35.7        | 36.7     | 3/ • 9 | 36.9 | 36.0 | 36.9     | 36.0         | 35.0         | 36.∵ | 36.9 | 3/ .9 | 36.9   | 36.0 | 36.          |
| ≥ 20000                |             | 30.9 | <del></del> | <u> </u> | _      |      | 40.0 | 40.0     | 40.0         | 40.0         | 40.0 | 45.0 | 40.5  | 40.0   | 4    | 4000         |
| ≥ 18000                |             | 33.9 | 39.9        | 39.9     | 47.0   | 40.0 | 40.0 | 40.0     | 40.0         | 40.0         | 40.0 | 40.0 | 40.0  | 40.0   | 40.0 | 40.0         |
| ≥ 5000                 |             | 39.9 | <del></del> |          |        |      | 40.0 | 40.0     | 40.5         | 40.0         | 40.0 | 40.0 |       | 40.0   | 40.0 | 40.0         |
| ≥ 14600<br>≥ 12000     |             | 37.9 |             | 39.9     |        |      | 40.0 | 4C.3     | 40•0         | 40.0         | 40.0 | 0.نه |       | 40.0   | 40.0 | 40.0         |
|                        |             | 39.9 | <del></del> | 30.9     |        |      | 40.0 | 40.0     | <u> 40.0</u> |              | 45.5 | 40.0 |       |        | 43.3 | 43.0         |
| ≥ 10000<br>≥ 9000<br>≥ |             | 40.4 |             | 40.4     |        |      |      | 40.5     | 42.5         |              | 1    | 43.5 |       | 40.5   | 42.5 | 40.5         |
| -                      |             | 40.4 | <del></del> |          | 40.6   |      |      | 40.6     | 47.6         |              | 40.6 | 40.6 |       |        | 46.6 | 40.5         |
| ≥ 800C<br>≥ 700C       |             | 41.7 | 41.7        | 41.7     |        | _    |      | 41.9     | 41.9         |              | 41.5 | 41.0 |       |        | 41.0 | 41.0         |
|                        |             | 41.9 |             | 42.Q     |        |      |      |          | 42.2         |              |      | 42.2 |       |        |      |              |
| ≥ 5000<br>≥ 5000       |             | 41.4 | 41.3        | 42.9     | 42     |      |      |          | 42.7         |              | 42.2 | 42.2 | 42.2  | 42.2   |      | 42.2         |
|                        |             | 42.2 |             | 42.3     | 42.6   |      |      |          |              |              | 47.5 | 42.6 |       |        |      | 42.0         |
| ≥ 4500<br>≥ 4000       |             | 42.5 |             | 42.6     |        |      |      | 42.8     |              | 42.5         | 42.8 | 42.8 |       | 42.3   |      | 42.          |
|                        |             | 52.3 | 52.9        |          | 53.3   |      | 53.3 | 53.3     |              |              | 53.3 | 53.3 |       |        |      | 53.3         |
| ≥ 3500<br>≥ 3000       |             | 75.3 |             | 79.8     |        | 38.3 | 80.3 | 80.3     | 87.3         | 86.3         | 57.3 | 50.3 | 1     | 50.3   | 50.3 | FU-3         |
| ≥ 2500                 |             | 56.6 |             |          | 88.9   |      |      | 28.9     |              |              | 88.9 | 38.9 |       |        |      | 48.0         |
| 2 2000                 |             | 57.4 | 1 1 1       | 1        | 89.7   |      |      |          |              | I            |      | 89.7 | -     | 99.7   | 39.7 | 59.7         |
| ≥ 1800                 |             | 98.6 |             |          | 91.2   |      |      | 91.2     | 71.6         | 91.6         |      | 91.2 |       |        |      | 91.2         |
| ≥ 1500                 |             | 22.0 | 1 1         | 1        | 95.7   |      |      |          | 95.7         |              |      | 91.6 |       |        |      | 91.6<br>35.7 |
| ≥ 1206                 |             | 97.3 | 94.4        | °5.6     |        |      |      | 97.3     |              |              |      | 97.3 |       | 97.3   |      | 07.7         |
| ≥ 000                  |             | 92.9 | 1 - 1       |          |        |      |      |          | 97.4         |              |      |      |       | 97.4   |      |              |
| ≥ 90¢                  |             | 23.0 | 94.6        |          |        |      |      | 97.7     |              |              |      | 97.7 |       | 97.7   | 97.7 | 97.7         |
| ≥ 800                  |             | 23.3 | 94.9        |          | 7 7    | 98.2 | •    |          | 98.4         |              |      |      | 98.4  | 98.4   |      | 98.4         |
| ≥ 700                  |             | 73.3 | 94.9        | 96.2     |        |      |      |          | 98.6         |              |      | 98.6 |       | 98.6   |      | 98.6         |
| ≥ 600                  |             | 93.3 | 94.9        |          |        |      |      |          | 99.2         |              |      | 99.2 |       | 93.2   |      |              |
| ≥ 500                  | •           | 73.3 | 94.9        |          |        |      |      |          | 99.5         | <del>+</del> |      | 99.5 |       | 59.5   | 19.5 |              |
| ≥ 40C                  |             | 93.5 | 1 1         | 26.4     |        | 99.4 |      |          | 99.7         |              |      |      |       | 99.7   | - 1  |              |
| ≥ 300                  |             | 93.5 |             | 96.4     | 98.9   |      |      | 99.8     | <del></del>  |              |      |      |       | 99.8   |      |              |
| ≥ 200                  |             | 73.5 | 1 - 1       | 1        |        |      |      |          | 99.8         |              |      |      | 99.8  |        |      | 99.5         |
| > 106                  |             | 23.5 |             | 26.4     | 93.9   |      | 99.6 |          | 99.8         |              |      |      | 99.8  | 99.8   |      |              |
| . v                    |             | 3.5  | 1 - 7       | 96.4     |        |      |      |          | 99.9         | - 1          |      |      | 59.9  |        | -    |              |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

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PLANAL CLIMATOLOGY PRANCH LOAFLTAC AT TREATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2.1 LAJES AR AZ

71-80

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7.3**-**350° HOURS (L.S.T.)

| CEs NO           |      |        |              |          |              |       | V1\$ | B . ** STA      | ATUTE MID    | ES   |       |      |                    | ·                   |              |         |
|------------------|------|--------|--------------|----------|--------------|-------|------|-----------------|--------------|------|-------|------|--------------------|---------------------|--------------|---------|
| (FEE*)           | ≥ .c | ≥6     | ≥ 5          | ≥ 4      | ≥ 3          | ≥2%   | ≥ 2  | ≥ . %           | ≥1%          | ≥'   | 2 4   | ≥%   | ≥ ′                | ≥ 5/16              | ≥ 4          | ≱¢      |
| NO CEUNG         |      | ₹5.2   | 33.7         | 30.3     | 30.2         | 30.2  | 30.2 | 70.2            | 30.2         | 30.2 | 30.2  | 30.2 | 32                 | 30.0                | 30.0         | 30.2    |
| ≥ 20000          |      | 34.2   | 34.2         | 34.2     | 34.2         | 34.2  | 34.2 | 34.2            | 34.2         | 34.2 | 34.5  | 34.2 | 34.2               | 34                  | 34.2         | 34.2    |
| ≥ 18000          |      | 34.7   | 34.2         | 34.2     | 34.2         | 34.2  | 34.2 | 34.2            | 34.2         | 34.2 | 34.7  | 34.2 | 34.2               | 34.0                | 34.2         | 34.7    |
| ≥ 6000           |      | 34.5   | 34.5         | 34.5     | 34.5         | 34.5  | 34.5 | 34.5            | 34.5         | 34.5 | 34.5  | 34.5 | 34.5               | 34.5                | 34.5         | 34.5    |
| ≥ 14000          |      | 34.5   | 34.5         | 34.5     | 34.5         | 34.5  | 34.5 | 34.5            | 34.5         | 34.5 | 34."  | 34.5 | 34.5               | 34.5                | 34.5         | 34.5    |
| ≥ .500€          |      | 34.5   | 34.5         | 34.5     | 34.5         | 34.5  | 34.5 | 34.5            | 34.5         | 34.5 | 34.5  | 34.5 | 34.5               | 34.5                | 34.5         | 34.5    |
| 2000: ≤          |      | 34.7   | 34.7         | 34.7     | 34.7         | 34.7  | 34.7 | 34.7            | 34.7         | 34.7 | 34.7  | 34.7 | 34.7               | 34.7                | 34.7         | 34.7    |
| ≥ 9000           |      | 34.7   | 34.7         | 34.7     | 34.7         | 34.7  | 34.7 | 34.7            | 34.7         | 34.7 | 34.7  | 34.7 | 34.7               |                     | 34.7         | 34.7    |
| ≥ 8000<br>≥ 7000 |      | 36.4   | 36.8         | 36.9     | 36.9         | 36.9  | 36.9 | 36.9            | 36.9         | 36.9 | 36.9  | 36.9 | 35.9               | 36.≎                | 30.03        | 36.9    |
|                  |      | 36.8   | 36.8         | 36.9     | 36.9         | 36.9  | 36.9 | 36.9            | 36.9         | 36.9 | 36.9  | 36.9 | 36.9               |                     | 36.9         |         |
| ≥ 6000<br>≥ 5000 |      | 36 • ₽ | 36∙4         | 36.9     | 36.9         | 36.9  | 36.9 | 36.9            | 36.9         | 36.9 | 36.0  | 36.9 | 36.9               |                     | 35.9         | ₹6.9    |
|                  |      | 36.9   | 36.8         | <u> </u> | 36.9         | 36.3  | 36.9 | 36.9            | 36.9         | 36.9 | 36.9  | 36.9 |                    | 36.7                | 36.9         | 36.4    |
| ≥ 4500<br>≥ 4000 |      | 37.2   | 37.7         | 37.3     | 37.3         | 37.3  | 37.3 | 37.3            | 37.3         | 37.3 | 37.3  | 37.3 |                    |                     | 37.3         | 77.3    |
|                  |      | 71.3   | 51.4         | 51.1     | 51.3         | -11-3 | 51.3 | 51.3            | 51.3         | 51.3 | 51.3  | 51.3 | 11.3               | 51.5                | 51.5         | 51.5    |
| ≥ 3500<br>≥ 3000 |      | 41.3   | 81.4         | A1.6     | 51.7         | £1.7  | 81.7 | 81.7            | 81.7         | 31.7 | 81.7  | 61.7 | 81.7               | €1.•3               | 11.8         | 31.3    |
|                  |      | 24.2   | 89.4         | 90.0     | 90.2         | °0.3  | 90.2 | 50.2            | 95.2         | 92.2 | 91.02 | 90.2 | 90,2               | <u> 43.3</u>        | 90.7         | 93.3    |
| ≥ 2500<br>≥ 2000 |      | 89.6   |              | 90.5     | 90.7         | 90.7  | 90.7 | 90.7            | 90.7         | 36.7 | 9 - 7 | 90.7 |                    | 90.3                | 90.9         | 9 J • 8 |
|                  |      | 911.3  | 90.7         | 91.3     | 91.5         | ?1.5  | 91.5 | 91.5            | 71.5         | 91.5 | 91.5  | 91.5 | 91.5               | 91.6                | <u> 71.5</u> | 21.5    |
| ≥ 1800<br>≥ 1500 |      | 90.6   | 91.          | 91.6     | 91.8         |       | 91.8 | 91.9            | 91.9         | 91.8 | 91.0  | 91.8 |                    | 91.7                |              | 01.9    |
|                  |      | ÷3.7   | 94.6         | 95.4     | 96.1         | 96.3  | 76.3 | <del>76.3</del> | 96.3         | 96.3 | 96.3  | 26.3 | 96.3               | 36.4                | 76.4         |         |
| ≥ 1200           |      | 74.3   | 95.4         | 96.3     | 97.3         | 97.5  |      |                 | 97.5         | 97.5 | 97.5  | 97.5 |                    | -                   | 97.5         | 57.6    |
|                  |      | 34.5   | 95.6         |          | 97.6         |       | 98.0 | 98.1            | 98.1         | 98.1 | 98.1  | 95.1 | 9 <sup>2</sup> • 1 | 39.2                | 94.2         | 08.2    |
| ≥ 900<br>≥ 800   |      | 74.5   | 95.6         | 96.7     | 97.7         | 98.0  | 98.1 | 98.2            | 98.2         | 98.2 | 98.2  | 98.2 |                    | 98.4                | 98.3         | 95.3    |
|                  |      | 94.6   |              | 96.8     | 98.0         | 98.2  | 98.3 | 98.4            | 98.4         | 98.4 | 98.4  | 98.4 | 98.4               |                     |              | 90.5    |
| ≥ 700<br>≥ 600   |      | 94.6   | 95.7<br>95.9 | 96.8     | 98.0<br>98.3 | 98.2  | 98.3 | 98.4            | 98.4         | 96.4 | 98.4  | 98.4 | 98.4               | 98.5                | 98.5<br>98.9 | 93.9    |
|                  |      | 24.9   | 96.0         | 97.1     | 98.6         | 98.8  | 98.7 | 98.8            | 98.8<br>99.1 | 98.8 | 98.8  | 99.2 | 95.8               | 99.4                | 59.4         | 39.4    |
| ≥ 500<br>≥ 400   |      | 74.9   | 96.1         | 97.1     | 98.6         |       | 99.1 | 99.2            | 99.2         | 99.4 | 99.4  | 99.4 | 99.4               | 99.5                | 99.5         | 99.5    |
| ≥ 300            |      | Ç4.9   | 96.          | 27.1     | 98.6         |       | 99.4 | 99.5            | 99.5         | 99.6 |       | 99.6 |                    |                     | 99.7         | 79.7    |
| ≥ 200            |      | 04.    | 96.          | 97.1     | 98.6         |       | 99.4 | 99.5            | 99.5         | [    |       | 99.6 | 99.6               |                     |              | 1       |
| > 100            |      | 94.4   | 96.0         | 97.1     | 98.6         |       | -    | 99.5            | 99.6         |      | 99.7  | 99.7 |                    |                     |              |         |
| ≥ 100<br>≥ 0     |      | 94.4   | 96.          | 97.1     | 95.6         | 78.8  | 99.4 | 99.6            | 99.7         | - 1  | 99.3  | 99.3 |                    | 77.5<br>106.J       | 100.0        |         |
|                  |      | 44.4   | 700.         | 7/04     | 75.9         | 70.0  | 77.4 | 77.0            | 7701         | 77.0 | 7705  | 77.5 | 74.4               | <u> 1 . i U e U</u> | 1 1 10 13    |         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_

DE PAE CLIMATOLOGY BRANCH - PICTAC 411 STATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1721 LAJES AF AZ

71-80

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILNO                |     |              |      |              |          |      | viS  | B.TY ST      | ATUTE MIL    | ES           |              |              |              |                |              |             |
|-----------------------|-----|--------------|------|--------------|----------|------|------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|-------------|
| (FEE*)                | ≥10 | ≥6           | ≥ 5  | ≥ 4          | ≥ 3      | ≥2%  | ≥ 2  | ≥ . %        | ≥1%          | ≥1           | 2.4          | ≥ %          | ≥ ∨.         | ≥ 5/16         | 2 4          | ≥c          |
| NO CEILING<br>≥ 20000 |     | 72.7         | 22.7 | 72.7         |          | 22.7 |      | 22.7         | 22.7         | 22.7         |              | 22.7         | 22.7         | 22.7           | 22.7         | 22.7        |
| ≥ 18000               |     | 24.6         |      | 28.6         |          | 26.6 |      |              | 26.6         | 28 €         | 2A.6         | 28.6         | ≥€ .6        |                | 26.5         | 28.5        |
| 5 .9000<br>5 .9000    |     | 20.6<br>20.9 |      | 28.6<br>28.9 | 29.6     | 28.6 |      | 26.6<br>28.9 | 28.6         | 28.6<br>26.9 | 28.5<br>28.9 | 28.6<br>23.9 |              | 28.6<br>28.9   | 28.6<br>28.9 | 28.0        |
| ≥ '4000               |     | 29.9         | 29.9 | 26.9         | 28.9     | 70.9 |      |              |              |              | 26.5         | 28.9         |              | _              | 23.9         | 25.9        |
| ≥ :2006               |     | 29.2         | 29.2 | 29.2         | 29.2     | 29.2 | 29.2 | 29.2         | 29.2         | 29.2         | 29.2         | 29.2         |              | 29.2           | 29.2         | 29.2        |
| 2000: ≤               |     | 30.3         | 30.3 | 30.3         | 30.3     | 30.3 | 30.3 | 30.3         | 30.3         | 34.3         | 30.3         | 33.3         | 33           | 30.3           | 35 . 7       | 70.3        |
| ≥ 9000                |     | 70.3         | 30.3 | 30.3         | 30.3     | 30.3 | 30.3 | 30.3         | 30.3         | 30.3         | 30.3         | 30.3         | 30.3         | 30.3           | 30.3         | 30.3        |
| ≥ 8000                |     | 33.8         | 33.7 | 33.8         | 33.8     | 33.8 | 33.8 | 33.8         | 33.P         | 33.8         | 33.5         | 33.8         | 33.8         | 33.0           | 33.0         | 7.3%        |
| ≥ 7000                |     | 33.8         | 33.9 | 33.8         | 33.8     | 33.8 | 33.8 | 33.8         | 33.8         | 33.8         | 33.8         | 33.8         | 33.8         | 33.8           | 33.9         | 33.3        |
| ≥ 6000                |     | 33.8         | 33.9 | 33.8         | 33.8     | 33.8 | 33.8 | 33.8         | 33.9         | 33.6         | 33.6         | 33.5         | 33.8         | 33 • 8         | 33.8         | 73.5        |
| ≥ 5000                |     | 33.7         | 33.9 | 33.9         | 33.9     | 33.9 |      |              | 33,9         |              | 37.9         | 33.9         | 33.9         | 33.5           | 33.0         | 23.9        |
| ≥ 4500<br>≥ 4000      |     | 34.5         | 34.5 | 34 • 5       | 34.5     | 34.5 |      |              | 34.5         | 34.5         | 34.5         | 34.5         | 34.5         | 34.5           | 34.5         | 34.5        |
|                       |     | 50.4         | 50.4 | 50.4         | 50.4     |      |      |              |              |              | 50.4         | 50.4         | 50.4         | 50.4           | 50.4         | 50.4        |
| ≥ 3500<br>≥ 3000      | !   | 75.2         | 79.7 | 80 • Q       | - 8C • 1 |      | 30.1 | 60.1         | 80.1         | A C . 1      | 80.1         | 80.1         | € 1          | 90.1           | -200 1       | 30.1        |
|                       |     | 86.3         | 87.0 | <u> </u>     |          |      |      |              |              | 97.5         | 87.5         | 87.5         |              | E7.5           | 67.5         | 87.5        |
| ≥ 2500<br>≥ 2000      |     | 56.7         | 87.4 | 87.6         | - 1      |      | 87.4 | 87.9         | - 1          |              | - 1          |              |              | A7.9           | 57.9         | ~7.9        |
|                       |     | ^7.6         |      | 88.7         | 89.Q     |      | 99.0 |              | 89.0         | 89.0         | 8¢.0         | 89.3         |              | 5 <b>9 .</b> Ú | 39.5         | 39.5        |
| ≥ 1800                |     | 38.0         | 88.7 | 89.1         | 89.4     |      | 89.4 | -            |              |              | 89.4         | 89.4         |              | 89.4           | 89.4         | 59.4        |
|                       |     | 2.6          |      | 94.3         | 95.3     | 95.4 |      |              | 95.4         |              | 95.5         | 95.5         |              |                | ¥5.5         | 95.5        |
| ≥ 1200<br>≥ 000       |     | 93.9         |      |              | 96.6     | 96.7 |      | 96.7         | - 1          |              | 96.F         | 96 · 8       | -            | 36 • 3         | 96.3         | 96 • H      |
|                       |     | 93.8         |      | 95.8         |          | 97.2 |      |              |              |              |              | 97.4         |              | 97.4           | 97.4         | 77.4        |
| ≥ 900<br>≥ 800        |     | 93.8         | 95.0 | 95.8         |          | 97.2 |      |              |              |              | 97.4         | - 1          | _            | 97.4           | 97.4         | 37.4        |
|                       |     | 34.0         |      | 96.0         | 97.6     |      |      |              |              |              | 98.1         | 96.1         |              | 98.1           | 38 · 1       | 98.1        |
| ≥ 700<br>≥ 600        |     | 74.1         | 95.4 | 96.1         | 97.8     | 98.0 | 98.1 | 98.2         |              | 98.4         | 98.4         | 98.4         |              | 98.4           | 98.4         | 58.4        |
|                       |     | 94.2         | 95.5 |              | 98.0     | 98.1 | 98.3 |              |              |              | 98.6         |              |              | 98.6           | 98.5         | 98.5        |
| ≥ 500<br>≥ 400        |     | 94.2         |      | 96.2         | 98.1     | 98.2 |      | 98.5         | 98.5         | -            | 98.9         | 98.9         |              | 98.9           | 78.9         | 38.0        |
| <b>├</b> ─── <b></b>  |     | 74.2         | 95.5 |              |          | 98.2 |      | 98.5         | 98.5         |              | 98.9         |              |              | 98.9           | 98.9         | 78.7        |
| ≥ 300<br>≥ 200        |     | 1            | 95.5 | 777          | 98.1     |      | -    | 98.5         | 98.5         | 98.9         | 98.9         | 98.9         | 98.9         | 98.9           | 39.3         | 94.9        |
| > 100                 |     | 24.2         | 95.5 | 96.2         |          |      |      |              | 98.5         |              |              | 99.2         |              | 99.5           | 59.5         | 99.5        |
| ≥ ¹00<br>≥ 0          |     | 04.2         | 95.5 | 96.2         | 98.1     | 98.2 | 98.4 | 98.5<br>98.5 | 98.5<br>98.5 | 99.2         | 99.2         | 99.2         | 99.4<br>99.4 | 99.5           | 39.5         | 99.8        |
| L <u>-</u>            |     | 74.4         | 7703 | 70.4         | 7004     | 75.4 | 70.4 | 70.5         | 70 · i       | 7706         | 77.2         | 7702         | 77.4         | 17.5           | 99.5         | ال و تا . ا |

TOTAL NUMBER OF OBSERVATIONS 97

BE EAL CLIMATOLOGY BRANCH C AFETAC AL SEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.Y.)

| CELNG.               |             |                |      |                      |                      |      | ٧ıS          | BLTY ST | ATUTE MIL    | ES           |                      |                      |              | •      |              |              |
|----------------------|-------------|----------------|------|----------------------|----------------------|------|--------------|---------|--------------|--------------|----------------------|----------------------|--------------|--------|--------------|--------------|
| (FEE")               | .:<br>M     | ≥6             | ≥ 5  | ≥ 4                  | ≥ 3                  | ≥2%  | ≥ 2          | ≥ . ½   | ≥1%          | ٠ ج          | 2 4                  | ≥ %                  | ≥ %          | ≥ 5/16 | 2 4          | ≥ċ           |
| NO CERUNG<br>≥ 20000 |             | 15.5           | 1 7  |                      | - : : =              |      | 15.6<br>27.7 | 1 1     |              | 15.6         | 15.6<br>27.7         | -                    | 15.6         | 15.6   |              |              |
| ≥ 18000              |             | 27.6           | 27.6 | 27.6                 |                      | 27.7 | 27.7         | 27.7    | 27.7         | 27.7         | 27.7                 | 27.7                 | 27.7         | 27.7   | 27.7         |              |
| ≥ 14000<br>≥ 12000   | <del></del> | 27.6           |      |                      |                      | 27.7 | 27.7         | 27.7    |              | 27.7         | 27.7                 | 27.7                 | 27.7         | 27.7   | 27.7         | 27.7         |
| 0000′ ≤              |             | 30.0           | 30.0 | 30.0<br>30.0         | 30.1                 | 70.1 | 30.1         | 30.1    |              |              | 30.1<br>30.1         | 30.1<br>30.1         | 30.1<br>30.1 | 30.1   | 30.1<br>30.1 | 78.2<br>76.1 |
| ≥ 8000<br>≥ 7000     |             | 33.8           | 33.8 | 33.8                 |                      |      |              | 34.1    | 34.1         | 34.1         | 34.1                 | 34.1                 | 34.1         | 30.1   | 34.1         | 34.1         |
| ≥ 6000<br>≥ 5000     |             | 33.9<br>34.2   | 33.9 | 33.9                 | 34.2<br>34.2<br>34.5 | 34.2 | 34.2         | 34.2    | 34.2         | 34.2         | 34.2                 | 34.2<br>34.5         |              | 34.2   | 34.2         | 34.2         |
| ≥ 4500<br>≥ 4000     |             | 34.8           | 34.8 | 34.8<br>51.2         | 35.2                 | 35.2 | 35.2         | 35.2    | 35.2         | 35.2         |                      | 35.2                 | 35.2         | 35.2   | 34.5         |              |
| ≥ 3500<br>≥ 3000     |             | 77.5           | 77.8 | 78.2                 | 51.5<br>78.7<br>85.5 | 78.7 | 78.7         | 78.7    | 78.7         | 76.7         | 51.5<br>78.7<br>85.6 | 51.5<br>78.7<br>85.6 | 78.8         | 78.S   | 7₽.8         | 78.5         |
| ≥ 2500<br>≥ 2000     |             | 74.5           | 85.2 | 85.6                 |                      | 86.2 | 86.2         | 86.3    | 96.3<br>88.1 | P6.3<br>88.1 |                      | 35.3<br>88.1         |              | 86.5   | 36.5         | 86.5         |
| ≥ ±800<br>≥ ±500     | -           | 96.8           | 87.4 | 88.0                 |                      | 88.7 | 88.7         | 88.8    | 88.8         | 88.8         | 88.8                 | 88.8                 | 88.9         | 88.4   | 88.9         | 25.9         |
| ≥ 1200<br>≥ .000     | <u> </u>    | 91.9<br>92.4   | 93.1 | 94.2                 | 95.7                 | 95.7 | 95.8         | 96.1    | 96.1         | 96.3         |                      |                      | 96.5         | 76.5   | 96.5         | 96.5         |
| ≥ 900<br>≥ 800       |             | 2.5            | 93.7 | 94.7                 | 96.6                 |      | 96.8         |         | 97.0         | 97.5         | 97.5                 | 97.2                 |              | 97.6   | 97.5         | 97.5         |
| ≥ 700<br>≥ 600       |             | 92.6<br>92.8   | 94.  | 94.8                 | 96.9                 |      |              | 97.8    | 97.6<br>97.8 | 98.1         | 98.1                 | 97.8                 | 98.2         | 98.2   | 98.7         | •            |
| ≥ 500<br>≥ 400       |             | \$2.9<br>\$2.9 | 94.1 | 95.1                 | 97.1<br>97.4<br>97.5 |      | 97.6         | 98.8    | 98.3<br>98.9 |              | 98.5                 | 99.1                 |              | 96.6   | 98.6<br>99.2 | 99.2         |
| ≥ 300<br>≥ 200       |             | 92.9           | 94.1 | 95•2<br>95•2<br>95•2 | 97.5<br>97.5         | 97.5 | 98.3         | 99.0    | 98.9<br>99.1 | 99.5         | 99.5                 | 99.4                 | 90.7         | 99.5   | 99.5         | 99.7         |
| ≥ 100<br>≥ 0         |             | 92.9           | 94.1 | 95.2                 | 97.5                 | 97.5 | 98.4         | 99.1    | 99.1         |              | 99.5                 |                      | 99.8         | 99.9   | 99.3         | 99.3         |
|                      |             | 4 £ 6 ¥        | 94.1 | 95.4                 | 97.5                 | 97.5 | 98.4         | 99.1    | 99.1         | 99.6         | 99.6                 | 99.7                 | 99.9         | 99.9   | 49.9         | 100.0        |

CL BAL CLIMATOLOGY BRANCH FO MESTAC AT BEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2 1

LAUES AR AZ

71-67

44.5

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1470 Hours (L.S.T.)

| CEILNO             |      |               |        |              |      |          | ٧٤S         | (8.1.TY ST | ATUTE MILI  | ES   |      |      |      |        |              |         |
|--------------------|------|---------------|--------|--------------|------|----------|-------------|------------|-------------|------|------|------|------|--------|--------------|---------|
| (FEE')             | ≥ .0 | ≥ 6           | ≥ 5    | ≥ 4          | ≥ 3  | ≥2%      | ≥ 2         | ≥ . %      | ≥1%         | ≥1   | ≥ 4  | ≥ %  | ≥ %  | ≥ 5/16 | 2 4          | ≥c      |
| NO CEILING         |      | 23.1          | 20.1   | 20.1         | 20.1 | 23.1     | 20.1        | 20.1       | 20.1        | 20.1 | 20.1 | 20.1 | 2 -1 | 23.1   | 27.1         | 26.1    |
| ≥ 20000            |      | 33.1          | 33.1   | 33.1         | 33.1 | <u> </u> | 33.1        | 33.1       | 33.1        | 33.1 | 33.1 | 33.1 | 33.1 | 33.1   | 33.1         | 33.1    |
| ≥ 18000            |      | 73.1          | 33.1   | 33.1         | 33.1 | 33.1     | 33.1        | 33.1       | 33.1        | 33.1 | 33.1 | 33.1 | 33.1 | 33.1   | 33.1         | 33.1    |
| ≥ :6006            |      | 73.1          |        | 33.1         | 33.1 | 33.1     | 33.1        | 33.1       | 33.1        | 33.1 | 33.1 | 33.1 | 33.1 | 33.4   |              | 33.1    |
| ≥ 14000<br>≥ 12000 |      | 73.1          |        | 33.1         | 33.1 | 33.1     | 33.1        | 33.1       | 33.1        | 33.1 | 33.1 | 33.1 | 33.1 | 33.1   | 33.1         | 33.1    |
|                    |      | 73.3          |        | 33.3         | 33.3 | 33.3     |             | E X F      | 33.3        | 33.3 | 33.3 | 33.3 |      |        |              |         |
| ≥ 10000            |      | 35.2          |        |              |      |          |             |            |             | 35.2 | 35.2 | 35.2 |      | 35.2   |              | 75.2    |
|                    |      | 35.4          |        |              |      |          |             |            |             |      | 35.4 |      |      |        |              | 35.4    |
| ≥ 8000<br>≥ 7000   |      | 39.9          | li     | 11111        | 38.9 |          | 38.9        |            | - 1         |      | 38.9 | 38.9 |      |        |              | I ' ' I |
|                    |      | 39.1          | 39.1   |              | 39.1 |          |             | 39.1       | 39.1        | 39.1 | 30.1 | 39.1 |      |        |              | 39.1    |
| ≥ 6000<br>≥ 5000   |      | 37.1          |        | 39.1         |      |          |             | 39.1       | 39.1        | 39.1 | 39.1 | 39.1 | 30.1 | 39.1   | 39.1         | 39.1    |
|                    |      | 39.6          | •      |              |      |          |             |            | <del></del> |      | 39.6 |      |      |        |              |         |
| ≥ 4500<br>≥ 4000   |      | 43.0          | l _ j  |              | 40.0 |          | 40.0        | 40.0       |             | 40.0 | 40.0 | 40.0 |      |        |              |         |
|                    |      | 54.9          | 54.9   | 54.9         |      |          | <del></del> |            | 54.9        | 54.9 | 54.9 | 54.9 |      |        |              | 54.9    |
| ≥ 3500<br>≥ 3000   |      | 20.4<br>3€ \$ |        | 81.3         | 81.9 |          |             | 82.2       |             |      |      |      |      |        |              |         |
| ≥ 2500             |      | 25.1          | 85.7   |              | 86.7 |          |             | 86.9       |             | 87.0 |      | 87.0 |      |        |              |         |
| ≥ 2000             |      | 76.7          |        | 87.6<br>88.3 | 88.3 | -        |             | 89.1       | 88.6        | 88.6 | 89.2 | 89.2 |      |        | 58.6<br>89.2 | 89.2    |
| ≥ 1800             |      | 87.3          |        | 88.4         | 89.0 |          |             | 89.2       |             |      | 89.4 | 89.4 |      |        |              | 69.4    |
| ≥ 1500             |      | 70.1          | 1 1    |              |      |          |             | 93.1       |             |      | 93.4 |      |      |        | -            |         |
| ≥ 1200             |      | 71.7          | 93.3   | 94.0         |      |          | 95.7        | 95.8       | 96.1        |      | 96.1 | 96.1 | 96.1 | 96.1   | 96.1         | 96.1    |
| ≥ 000              |      | 92.5          | ] '''' |              |      | 96.3     |             |            |             |      | 97.4 | 97.4 |      | i      |              |         |
| ≥ 900              |      | 92.5          |        | 94.8         |      |          |             |            | 97.4        |      | 97.6 |      |      | -      |              | 97.6    |
| ≥ 800              |      | 92.7          | 94.4   |              |      |          |             | 97.5       |             |      | 98.1 | 98.1 | 98.1 | 98.1   | 98.1         |         |
| ≥ 700              |      | 92.8          |        |              | 96.8 |          |             |            |             | 96.4 | 98.4 | 98.4 |      |        |              |         |
| ≥ 600              |      | 92.9          | 1 1    |              |      | 97.3     |             |            | 98.4        |      | 98.8 |      | 98.9 |        |              | 98.9    |
| ≥ 500              |      | 92.9          |        |              |      |          |             | 98.5       |             |      | 99.4 | 99.5 |      |        |              |         |
| ≥ 400              |      | 92.9          | 1      |              |      |          |             |            |             | 99.4 | -    |      |      |        | _            | 99.5    |
| ≥ 300              |      | 02.9          |        |              |      | 97.5     |             | 98.6       |             |      | 99.6 |      |      |        | 99.7         | 39.7    |
| ≥ 200              |      | 92.9          | 1      |              |      |          |             |            | 99.1        | 99.8 |      |      | 99.9 | -      |              |         |
| > 100              |      | 02.9          |        |              |      |          |             |            | 99.1        |      |      |      |      | 1:0.0  |              |         |
| 2 0                |      | 92.9          | - 1    |              | i i  |          |             |            | 99.1        |      | 99.8 |      |      |        |              |         |

TOTAL NUMBER OF OBSERVATIONS

CLIMAL CLIMATOLOGY BRANCH UTAFETAC AT - "FATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2 1 LAUES AS AZ

71-80

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CELNO               |      |        |             |      |      |         | viS  | .( <b>B</b> ( *∀ 5T | ATUTE MIL | ES   |      |      |      |        |       |        |
|---------------------|------|--------|-------------|------|------|---------|------|---------------------|-----------|------|------|------|------|--------|-------|--------|
| IFEE")              | ≥ :0 | ≥6     | ≥5          | ≥ 4  | ≥ 3  | ≥2%     | ≥ ;  | ≥ · ½               | ≥1%       | ≥ 1  | ≥ %  | ≥ %  | ≥ v. | ≥ 5/16 | ≥ ¼   | ≥č     |
| NO CEUNG<br>≥ 20000 |      | 22.4   | 22.4        | ^2.6 |      | 1       |      |                     |           | 22.5 |      | 22.6 | 22.3 |        | 22.4  |        |
|                     |      | 34.3   | 34.8        | 34.8 |      |         |      |                     |           |      |      |      | 35.0 |        | 35.0  |        |
| ≥ 18000             |      | 34.9   |             | 34.8 |      | • • • • |      |                     |           | 34.8 |      |      | 35.0 |        | 35.0  |        |
| > 14000             |      | 34 • d | 34.8        | 34.8 |      |         |      |                     |           |      |      |      | 35.0 |        | 35.0  |        |
| ≥ 14600<br>≥ 12000  |      | 34 • 8 | 34.5        | 34.8 | _    |         | 34.8 |                     |           | 34.8 | -    |      | 35.0 |        |       |        |
|                     |      | 34 . 3 | 34.9        | 34.8 |      |         |      |                     |           |      |      |      |      |        | 35.0  | 35 · ( |
| ≥ 9000              |      | 36.3   | 36.3        | 36.3 | 36.3 |         |      |                     |           |      |      |      | 36.5 |        | 36.5  | 70.5   |
|                     |      | 36.6   | 36.6        | 36.6 |      |         | _    |                     |           |      |      |      |      |        |       | 36.    |
| ≥ 8000<br>≥ 7000    |      | 41.9   | 41.9        | 41.9 |      |         |      |                     |           | 41.9 |      |      | 42.1 | 42.1   | 42.1  | 42.1   |
|                     |      | 41.9   | 7.00        | 41.9 |      |         |      |                     |           |      |      |      |      | 42.1   | 42.1  | 42.1   |
| ≥ 6000<br>≥ 5000    | i    | 41.3   | 41.9        | 41.9 |      |         |      |                     |           | - 1  |      | 1    | 42.1 | 42.1   | 42.1  | 42.1   |
|                     |      | 42.2   | 42.2        |      | 42.2 |         |      |                     |           |      |      |      |      |        | 42.4  |        |
| ≥ 4500<br>≥ 4000    |      | 42.4   |             |      |      |         |      |                     |           |      |      |      |      |        | 42.8  | 42.6   |
|                     |      | 54.9   | <u>55.0</u> |      |      |         |      |                     |           |      |      |      |      |        | 35.7  | 55.2   |
| ≥ 3500<br>≥ 3000    |      | F3.0   |             | 80.3 | 80.6 |         |      |                     |           |      |      | 80.7 | 80.9 | 80.9   | 83.9  | 80.9   |
|                     |      | 84.1   | 84.4        | 84.4 |      |         |      |                     |           |      | 85.0 | 85.7 | 85.3 |        |       |        |
| ≥ 2500<br>≥ 2000    |      | 25.d   |             | ₹5•5 |      |         |      | 86.1                |           | 86.2 | 86.2 |      | 1    | 1      | 96.4  | 1      |
|                     |      | 86.1   | 86.5        | 86.7 | 87.3 |         | 87.4 |                     |           |      |      |      |      |        |       | 67.7   |
| ≥ 1800<br>≥ 1500    |      | .6.2   | 86.7        | 86.8 | _    |         |      |                     |           |      |      |      |      | -      | - 1   | £7.9   |
|                     |      | °0.1   | 91.0        |      |      | 92.6    |      |                     | _         | 93.2 |      |      |      |        |       | 93.4   |
| ≥ 1200              |      | 91.4   | 93.d        | 93.4 | 94.9 | 94.9    |      | 95.6                | 95.6      |      |      |      |      |        |       |        |
| ≥ .000              |      | 72.8   | 93.9        | 94.3 | 95.0 |         |      |                     |           |      |      | 97.0 |      |        |       |        |
| ≥ 900               |      | 92.5   | 93.9        | 94.3 | 96.2 |         | 96.7 | 97.0                | 97.0      | 97.1 | 97.2 | 97.2 |      | 97.5   | 97.5  | 97.5   |
| ≥ 800               |      | 93.1   | 94.1        | 94.5 |      |         |      | 97.5                |           |      | 97.7 |      |      | 98.1   | 98.1  | 98.1   |
| ≥ 700               |      | 93.4   | 94.1        | 94.5 |      |         |      |                     |           | 1    | -    | 97.7 | 98.0 | 98.1   | 98.1  | ა9•1   |
| ≥ 600               |      | 93.0   |             | 94.9 | 96.9 | 97.0    | 97.4 | 97.7                | 97.7      | 97.8 | 98.0 |      |      |        |       | 98.3   |
| ≥ 500               |      | 03.0   | 94.1        | 94.5 |      | 97.5    | 98.1 | 98.4                | 98.4      | 98.5 | 98.7 | 98.8 |      | 99.1   | 99.1  | 99.1   |
| ≥ 400               |      | 93.0   | 94.1        | 94.5 | 97.4 | 97.6    | 98.2 | 98.5                | 98.5      |      | 98.8 | 98.9 | 99.1 | 99.2   | 79.2  | 99.2   |
| ≥ 300               |      | 93.0   | 94.1        | 94.5 | 97.5 | 97.8    | 98.4 | 98.8                | 98.8      | 99.0 | 99.2 | 99.4 | 99.5 | 99.7   | 99.7  | 99.7   |
| ≥ 200               |      | 93.q   |             | 94.5 | 97.5 | 97.8    | 98.4 | 99.0                | 99.0      | 99.2 | 99.6 | 99.7 | 99.9 | 100.0  | 100.0 | 100.0  |
| > 100               |      | °3.0   | 94.1        | 94.5 | 97.5 | 97.8    | 98.4 | 99.0                | 99.0      | 99.2 | 99.6 | 99.7 | 99.9 | 100.0  | 130.0 | 100.0  |
| ≥ 0                 |      | 93.d   | 94.1        | 74.5 | 97.5 | 97.8    | 98.4 | 99.0                | 99.0      | 99.2 | 99.6 | 99.7 | 99.9 | 10.d   | 100.0 | 100.0  |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

HE HAL CLIMATOLOGY BRANCH AL VEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17271 LAUES AB A7

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CER NO           |     |      |      |      |      |                 | <b>√</b> 15 | 8 L TY 57    | ATUTE MIL | <b>E</b> S |      |      |              |              |       |                |
|------------------|-----|------|------|------|------|-----------------|-------------|--------------|-----------|------------|------|------|--------------|--------------|-------|----------------|
| (FEE')           | ≥:0 | ≥6   | ≥ 5  | ≥ 4  | ≥ 3  | ≥2%             | ≥ 2         | ≥ . ½        | ≥1%       | ≥'         | ≥ 4  | ≥ %  | ≥ ∨.         | ≥ 5/10       | ≥ 4   | ≥c             |
| NO CEILING       |     | 24.9 | 24.3 | 24.9 | 24.9 | 24.9            | 24.9        | 24.9         | 24.9      | 24.9       | 24.9 | 24.9 | 25.2         | 25.2         | 25.2  | 25.2           |
| ≥ 20000          |     | 35.4 | 35.4 | 35.4 | 35.4 | 35.4            | 35.4        | 35.4         | 35.4      | 35.4       | 35.4 | 35.4 | 35.6         | 35.6         | 35.6  | 75.6           |
| ≥ 18000          |     | 35.4 | 35.4 | 35.4 | 35.4 | 35.4            | 35.4        | 75.4         | 35.4      | 35.4       | 35.4 | 35.4 | 35.6         | 75.6         |       | 35.6           |
| ≥ .9000          |     | 35.4 |      |      |      |                 |             |              |           | 35.4       |      | 35.4 | 35.6         |              |       | 35.6           |
| ≥ 14000          |     | 35.4 |      | 35.4 | 35.4 |                 | 35.4        | 35.4         | 35.4      | 35.4       |      | 35.4 | 35.6         |              |       | 35.€           |
| ≥ ,5000          |     | 35.5 |      | 35.5 |      |                 |             |              |           | 35.5       |      | 35.5 | 35.7         | 35.7         |       | 35.7           |
| 2000 ≤           |     | 35.5 | 1    | 36.5 | 36.5 |                 | 36.5        | 36.5         |           | 36.5       |      | 36.5 | 36.7         | 36.7         | 35.7  | 76.7           |
|                  |     | 37.0 |      | 37.0 |      |                 | 37.7        | 37.0         |           | 37.0       |      | 37.0 | 37.2         | 37.          | 37.2  | 37.            |
| ≥ 8000<br>≥ 7000 |     | 42.3 | 42.3 | 42.3 |      |                 | 42.4        |              |           | 42.4       | 1    | 42.4 | 42.6         |              | 42.6  | 42.6           |
|                  |     | 42.5 |      |      |      |                 |             |              |           | 42.6       |      | 42.6 | 42.8         |              |       | 42.0           |
| ≥ 6000<br>≥ 5000 |     | 42.5 | 42.5 | 42.5 |      |                 | 42.6        | 42.6         |           | 42.6       |      | 42.6 | 42 B         | 42.8         |       | 42.0           |
| -                |     | 42.7 | 42.7 | 42.7 | 42.8 |                 |             |              |           |            |      | 42.8 | 43.0         | 43.3         | 43.7  | 43.            |
| ≥ 4500<br>≥ 4000 |     | 43.2 | 1    |      |      |                 |             |              |           | 43.3       |      | 43.3 | 43.5         |              |       | 43.5           |
| J                |     | 53.0 |      | 53.1 |      |                 |             |              | 53.2      |            |      |      | 53.4         |              |       |                |
| ≥ 3500<br>≥ 3000 |     | 77.8 |      | 78.5 | 78.9 | · · · · · · · · | 78.9        | 78.9<br>85.7 |           |            |      |      | 79.1<br>85.9 | 79.1<br>85.9 | 79.1  | 79.1           |
| ≥ 2500           |     | 23.8 |      | 85.5 | 85.6 |                 |             |              |           |            |      |      | 56.7         | 85.7         |       | 56.7           |
| 2 2000           |     | 84.9 | 1    |      | 87.2 | 87.3            |             |              |           |            |      |      |              |              |       | 57.B           |
| ≥ 1800           |     | 94.9 |      | 86.3 | 87.2 |                 |             | 87.8         | _         |            |      |      |              | 38.1         | 38.1  | 8.1            |
| ≥ 1500           |     | 89.0 | 1 1  | 90.9 | - 1  | 92.2            |             | -            |           |            |      |      |              |              | 93.0  | 93.5           |
| ≥ 1200           |     | 90.6 |      | 92.8 |      |                 |             | 95.3         |           |            |      |      | 95.6         |              |       | 25.6           |
| ≥ .000           |     | 91.6 |      | 93.9 |      |                 |             |              |           |            |      |      | 97.1         |              |       | 1              |
| ≥ 900            |     | 71.9 |      | 94.3 | 96.0 |                 |             |              |           |            |      |      | 97.5         |              |       | 97.5           |
| ≥ 800            |     | 92.3 | 94.0 | 94.6 |      | 7               |             |              |           |            | 97.7 | 97.7 |              |              | 98.7  | 98.0           |
| ≥ 700            |     | 92.3 | 94.  | 94.6 |      | 96.7            |             | 97.7         |           |            |      | 97.B | 98.1         | 78.1         | 79.1  | 98.1           |
| ≥ 600            |     | 92.3 | 94.1 | 94.7 | 97.0 |                 | 98.3        | 98.5         |           | ı .        | 98.6 | 98.6 | 98.8         | 98.3         |       | 98.8           |
| ≥ 500            |     | 92.3 | 94.1 | 94.7 | 97.2 |                 | 98.6        | 98.8         |           |            |      |      | 99.1         | 99.1         | 39.1  | 74.1           |
| ≥ 400            |     | 92.3 | 94.1 | 94.7 | 97.2 | 97.6            | 98.7        | 98.9         | 99.3      | 99.1       | 99.1 | 99.1 | 99.4         | 99.4         | 99.4  | 99.4           |
| ≥ 300            |     | 92.3 | 94.1 | 94.7 | 97.2 | 97.6            | 98.8        | 99.2         | 99.4      | 99.6       | 99.6 | 99.6 | 99.8         | 99.8         | 99.8  | 59. ë          |
| ≥ 200            |     | 92.3 | 94.1 | 94.7 | 97.2 | 97.6            | 98.8        | 99.2         | 99.4      | 99.7       | 99.7 | 99.7 | <u>160.0</u> | <u>100.3</u> | 130.0 | 1 ∩a.∈         |
| ≥ 100            |     | 92.3 | 94.1 | 94.7 | 97.2 | 97.6            | 98.8        | 99.2         | 99.4      | 99.7       | 99.7 | 99.7 | 100.0        | 100.0        | 100.0 | 100.0          |
| ≥ 0              |     | 92.3 | 94.1 | 94.7 | 97.2 | 77.6            | 98.8        | 99.2         | 99.4      | 99.7       | 99.7 | 99.7 | 150.0        | 100.a        | 100.0 | <u>រៈបិប•ា</u> |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

LL PAL CLIMATOLOGY PRANCH LARETAC AT JEATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

1 2 1 LAUES AS AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 \_ D = 2 3 0

| CERNO    |       |                |      |        |      |      | · iS | B . ** ST | ATUTE MIL | ES.  |       |      |        |        |       |       |
|----------|-------|----------------|------|--------|------|------|------|-----------|-----------|------|-------|------|--------|--------|-------|-------|
| 1255.1   | 2 : € | ≥6             | ≥ 5  | ≥4     | ≥ 3  | ≥2%  | ≥ 2  | ≥ . %     | ≥1%       | ≥,   | ≥ 1⁄4 | ≥ %  | ≥ ٧.   | ≥ 5/16 | ≥ 4   | ≥.:   |
| 40 CEUNG |       | 34.            | 34.9 | 34.8   | 34.9 | 34.7 | 34.9 | 34.9      | 34.3      | 34.9 | 35.5  | 35.0 | 35.7   | 35.0   | 35.3  | 35.   |
| ≥ 20000  | _     | 30.0           | 39.7 | 39.5   | 39.1 | 39.1 | 39.1 | 39.1      | 39.1      | 39.1 | 39.2  | 39.2 |        | 39.2   | 39.3  | 39.   |
| ≥ 18000  |       | 39.0           | 30.0 | 30.0   | 39.1 | 39.1 | 39.1 | 39.1      | 39.1      | 39.1 | 39.2  | 39.2 | 35.2   | 39.2   | 39.2  | Ţ9.   |
| ≥ 1500%  |       | 39.5           | 30.0 | 39 . : | 39.1 | 39.1 | 39.1 | 39.1      | 39.1      | 39.1 | 39.2  | 37.2 | 30.2   | 39.2   | 39.2  | 79.   |
| ≥ 14000  |       | 33.0           | 39.0 | 30.0   | 39.1 | 39.1 | 39.1 | 39.1      | 37.1      | 39.1 | 34.2  | 39.2 | 30 • 2 | 39.2   | 39.2  | 79.   |
| ≥ .5000  |       | 39.3           | 39.3 | 39.3   | 39.4 | 39.4 | 39.4 | 39.4      | 39.4      | 35.4 | 39.5  | 37.5 | 39.5   | 39.5   | 37.5  | 33    |
| ≥ 10000  |       | 40.3           | 40.3 | 40.3   | 40.4 | 40.4 | 47.4 | 40.4      | 40.4      | 40.4 | 40.5  | 43.5 | 4″•5   | 45.5   | 473.5 | 40,   |
| ≥ 9000   |       | 40.4           | 47.4 | 40.4   | 40.5 | 40.5 | 40.5 | 43.5      | 40.5      | 4(.5 | 40.6  | 40.6 |        | 40.6   | 47.5  | 46    |
| ≥ 8000   |       | 43.0           | 43.0 | 43.0   | 43.1 | 43.1 | 43.1 | 43.1      | 43.1      | 43.1 | 43.2  | 43.2 | 43.2   | 43.2   | 43.2  | 43    |
| ≥ 7000   |       | 43.2           | 43.2 | 43.2   | 43.3 | 43.3 | 43.3 | 43.3      | 43.3      | 43.3 | 43.4  | 43.4 | 47.4   | 43.4   | 43.4  | 43    |
| ≥ 6000   |       | 43.2           | 43.2 | 43.2   | 43.3 | 43.3 | 43.3 | 43.3      | 43.3      | 43.3 | 43.4  | 43.4 | 43.4   | 43.4   | 43.4  | 43    |
| 2 5000   |       | 43.2           | 43.2 | 43.2   | 43.3 | 43.3 | 43.3 | 43.3      | 43.3      | 43.3 | 43.4  | 43.4 | 43.4   | 43.4   | 43.4  | 45    |
| ≥ 4500   |       | 43.3           | 43.3 | 43.3   | 43.4 | 43.4 | 43.4 | 43.4      | 43.4      | 43.4 | 43.5  | 43.5 | 43.5   | 43.5   | 43.5  | 43    |
| 2 400C   |       | 53.9           | 54.0 | 54.0   | 54.1 | 54.1 | 54.1 | 54.1      | 54.1      | 54.1 | 54.2  | 54.2 | 54.2   | 54.2   | 54.2  | 54    |
| ≥ 3500   |       | 73.d           | 78.4 | 78 • 8 | 80.0 | 80.Q | 30.0 | 30.0      | აც•ე      | 80.0 | 80.1  | 82.1 | 8″•1   | 80.4   | 50.1  | 2 C   |
| ≥ 3000   |       | 95.5           | 85.9 | 36.2   | 87.7 | 87.7 | 87.7 | E7.7      | 87.7      | 87.7 | 87.8  | 97.8 | 67.8   | :7.3   | 87.8  | 4.7   |
| ≥ 2500   |       | 36.1           | 85.5 | 86.9   | 88.4 | 88.4 | 88.4 | 98.4      | 88.4      | 88.4 | 88.5  | 98.5 | 98 ∙ 5 | F8.5   | ₹8•5  | 5.8   |
| £ 2000   |       | £ 7 <b>.</b> 1 | 87.4 | 88.3   | 89.8 | 89.8 | 89.8 | 89.8      | 89.9      | 89.8 | 80.9  | 89.9 | 69.9   | 89.9   | 89.9  | 8.3   |
| ≥ '800   |       | P7.8           | 88.5 | 89.0   | 90.5 | 90.5 | 90.5 | 90.5      | 97.6      | 90.6 | 90.7  | 90.7 | 90.7   | 90.7   | 90.7  | ري    |
| ≥ 1500   |       | 91.1           | 91.5 | 92.5   | 94.5 | 04.5 | 94.5 | 94.7      | 94.8      | 94.8 | 94.9  | 94.9 | 94.9   | 94.9   | 94.0  | 94    |
| ≥ 1200   |       | 92.7           | 93.4 | 94.2   | 96.4 | 96.4 | 76.4 | 96.7      | 96.8      | 96.8 | 96.9  | 96.9 | 96.9   | 96.9   | 96.9  | 96    |
| ≥ ,000   |       | 03.0           | 93.8 | 94.5   | 97.0 | 97.0 | 97.0 | 97.2      | 97.3      | 97.3 | 97.4  | 97.4 | 97.4   | 57.4   | 97.4  | 97    |
| ≥ 900    |       | ?3.1           | 93.9 | 94.6   | 97.1 | 97.1 | 97.1 | 97.4      | 97.5      | 97.5 | 97.6  | 97.6 | 97.6   | 97.6   | 97.5  | 97    |
| ≥ 800    |       | <b>93.5</b>    | 94.3 | 95.0   | 97.6 | 97.6 | 97.6 | 98.0      | 98.1      | 98.1 | 98.2  | 98.2 | 98.2   | 98.2   | 18.2  | ? 6   |
| ≥ 700    |       | 93.6           | 94.4 | 95.2   | 97.7 | 97.7 | 97.7 | 98.1      | 98.2      | 98.2 | 98.3  | 95.3 | 98.3   | 98.3   | 99.3  | 9.8   |
| ≥ 600    |       | 93.8           | 94.5 | 95.3   | 98.2 | 98.4 | 98.4 | 98.7      | 98.8      | 98.8 | 98.9  | 98.9 | 98.9   | 98.9   | 98.9  | 98    |
| ≥ 500    |       | 94.0           | 94.1 | 95.5   | 98.7 | 98.9 | 98.9 | 99.2      | 99.4      | 99.4 | 99.5  | 99.5 | 99.5   | 99.5   | 99.5  | 93    |
| ≥ 400    |       | 94.0           | 94.7 | 95.5   | 98.8 |      | 99.0 | 99.6      | 99.7      | 99.8 | 99.9  | 99.9 | 99.9   | 99.9   | 99.9  | 0.9   |
| ≥ 300    |       | 94.0           | 94.7 | 95.5   | 98.8 | 99.0 | 99.0 | 99.6      | 99.7      | 99.8 | 99.9  | 99.9 | 99.9   | 99.9   | 33.0  | 99    |
| ≥ 200    |       | 94.0           | 94.1 | 95.5   | 98.8 | 99.0 | 99.0 | 99.6      | 99.7      | 99.8 | 99.9  | 99.7 | 99.9   | 99.7   | 33.0  | 99    |
| 00 ج     |       | 04.0           | 94.1 | 75.5   | 98.8 | 99.0 | 99.0 | 99.6      | 99.7      | 99.8 | 99.9  | 99.9 | 99.9   | 69.9   | 99.9  | 1 ∵ ű |
| ≥ 0      |       | C4.d           | 94.1 | 95.5   | 95.8 | 99.0 | 99.0 | 99.6      | 99.7      | 99.8 | 99.9  | 99.9 | 99.9   | 99.9   | 99.0  | 100   |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

CLOFAL CLIMATOLOGY BRANCH COMPETAC ATT SEATHFH SERVICEZMAG

## CEILING VERSUS VISIBILITY

1 2'.1

LAUES AF AZ

71-80

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CEIL NG              |       |              |              |              |              |              | VIS          | 8 . "Y 5T    | ATUTE MIL    | ES .         |              |              |              |              |              |     |
|----------------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----|
| (FEET)               | ≥ ; C | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ×2≤          | ≥ 2          | ≥ . ⅓        | ≥1%          | ≥1           | ≥ %          | ≥ %          | ≥ v          | ≥ 5/16       | <b>2</b> 4   | ≥¢  |
| NO CEIUNG<br>≥ 20000 |       | 25.9<br>34.1 | 25.9         | 25.9<br>34.1 | 26.0<br>34.1 | 26.0         | 26.0<br>34.1 | 26.0<br>34.1 | 26.0<br>34.1 | 26.0<br>34.1 | 26.7<br>34.1 | 26.L         | 26.1<br>34.2 | 76.1<br>34.2 | 26.1<br>34.2 | •   |
| 5 ,800¢<br>5 ,800¢   |       | 34.1         |              |              | 34.1         | 34.1         | 34 - 1       | 34.1         | 34.1         | 34.1         | 34.1         |              | 34.2         | 34.2         | 34.0         | 34. |
| ≥ 14000<br>≥ 12000   |       | 34.1         | 34.1         |              | 34.2         | 34.2         | 34.2         |              | 34.2         | 34.2         | 34.2         | 34.2         | 34.3         | 34.3         | 74.3         | 34. |
| ≥ 9000′ ≥            |       | 35.5<br>35.6 | 35.5         | 35.5         | 35.5<br>35.7 | 35.5         | 35.5         | 35.5         | 35.5         |              | 35.5         | 35.5         | 35.6         | 35.6         | 35.6         | 75. |
| ≥ 8000<br>≥ 7000     |       | 39.0         | 39.0<br>39.1 | -            | 39.1<br>39.3 |              |              | 39.1<br>39.3 |              | 39.1<br>39.3 |              |              |              | 1            |              |     |
| ≥ 6000<br>≥ 5000     |       | 39.1         | 39.1         |              |              |              |              | 39.3<br>39.5 |              | 39.3<br>39.5 |              |              | 39.3         |              |              | 1   |
| ≥ 4500<br>≥ 4000     |       |              | 39.8<br>52.9 | •            | 39.9<br>53.0 | 1            | 39.9<br>53.0 |              |              | 39.9<br>53.0 |              | -            | 40.0<br>53.1 |              | 47.0<br>53.1 |     |
| ≥ 3500<br>≥ 3000     |       | 79.1<br>85.6 |              |              |              |              |              |              | 1            | 81.3<br>87.2 | -            |              | 80.4<br>67.3 |              |              |     |
| ≥ 2500<br>≥ 2000     |       | 66.3<br>87.3 | 86.9         |              | 87.9<br>89.1 | 88.0<br>89.1 |              |              | 1            | 88.0<br>89.2 |              | 88.0<br>89.2 | 58.1<br>69.3 |              |              |     |
| ≥ 1800<br>≥ 1500     |       | 37.6<br>91.1 |              |              | 89.5<br>94.1 | 89.5<br>94.2 | _ • •        |              | 99.6         |              | 89.7<br>94.5 | 1            | 89.7<br>94.6 |              |              |     |
| ≥ 1200<br>≥ 1000     |       |              | 93.7         |              | 96.6         |              |              | 1            | 95.4         | 96.5         | 96.5<br>97.3 |              | 96.6<br>97.4 |              | l .          | 1   |
| ≥ 900<br>≥ 800       |       | 93.1<br>93.2 | 94.3         | 95.4         | 97.2         | 97.3         | 97.6         | 97.9         | 97.9         |              | 98.0         | 98.0         |              | 98.1         |              | 98. |
| ≥ 700<br>≥ 600       |       |              | 94.6         | 95.6         |              | 97.8         | 98.2         | 98.5         | 98.5         |              | 98.7         | 98.7         | 98.8         | 98.8         |              | 78  |
| ≥ 500<br>≥ 400       |       | 93.5         | 94.8         | 95.6         |              | 98.2         | 98.7         | 99.0         |              | 99.3         |              | 99.3         |              | 99.4         |              | 99. |
| ≥ 300<br>≥ 200       |       | 93.5         | 94.5         | 95.6         | 98.0         | 98.2         | 98.8         |              | 99.3         | 99.6         |              | 99.7         |              | 99.8         | 99.8         | 99  |
| ≥ 100<br>≥ 0         |       |              | 94.8         |              |              | 98.2         | 98.8<br>98.8 |              |              | 99.6<br>99.6 |              |              |              |              | _            |     |

TOTAL NUMBER OF OBSERVATIONS

743.

CL CAL CLIMATGLOSY PRANCH SCAFETAC AT .FATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2 1 LAUES AS A7

71-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-7203 Hours (s.s.t.)

| CELNO                |         |       |       |      |        |       | ٧١S   | ·B . * 51 | ATUTE MIL | ES   |      |       |       |           |              |                |
|----------------------|---------|-------|-------|------|--------|-------|-------|-----------|-----------|------|------|-------|-------|-----------|--------------|----------------|
| /*EE*)               | ≥ .c    | ≥6    | ≥ 5   | ≥ 4  | ≥ 3    | 53%   | ≥ 2   | ≥ · %     | ≥1%       | ≥'   | ≥ ¼  | ≥ %   | ≥ 4.  | ≥ 5/16    | ≥ %          | ≥c             |
| NO CEIUNG<br>≥ 20000 |         | 24.5  | 24.9  | 74.8 |        |       |       |           |           |      |      |       |       | 24.8      |              | 24.8           |
| <u> </u>             |         | 25.07 | 28.7  |      |        |       | _     |           |           |      |      |       |       |           |              |                |
| ≥ 18000<br>≥ 8000    |         | 25.7  | 29.7  |      | 28.7   |       |       | -         |           |      |      | 28.7  | 28.7  | 28.7      |              | 20.7           |
|                      |         | 2 • 8 |       | 26.a |        |       |       |           |           | 26.8 |      |       |       |           |              | 28.5           |
| ≥ '4000<br>≥ '2000   |         | 23.8  |       |      |        |       |       |           |           | 28.8 |      | 1     |       | 28.3      |              | 3 <b>5 6</b> € |
| l                    |         | 20.8  |       |      |        |       |       |           |           |      |      |       |       |           |              | <u>. (á•</u> ° |
| ≥ 10000              |         | 29.0  | - 1   | 29.0 |        |       | 1     | _         | 29.5      | 29.0 |      | 29.0  |       |           | 29.0         | 190            |
| J                    |         | 27.0  |       |      |        |       |       |           | 29.0      | 27.0 |      |       |       | 29.5      | 23.0         | Ту.            |
| ≥ 8000<br>≥ 7000     |         | 70.5  |       | 30.5 |        |       |       |           |           |      |      |       |       |           |              | 30.5           |
|                      |         | 30.7  | 30.7  |      | 3C • 7 |       |       |           |           |      | 30.7 |       |       |           |              | 300            |
| ≥ 6000<br>≥ 5000     |         | 30.7  | 30.7  | 30.7 | 30.7   |       | 1     | 30.7      |           |      |      |       |       |           |              |                |
|                      |         | 30.7  | 30.7  |      |        |       |       |           |           |      |      | 30.7  |       |           | 37.7         |                |
| ≥ 4500               |         | 21.3  | 31.5  | 31.5 |        |       | ι Ι   |           |           |      |      | 1     |       | _         |              |                |
| L                    |         | 45.5  |       |      |        |       |       |           |           |      |      | 45.6  |       |           |              |                |
| ≥ 3500<br>≥ 3000     |         | 74.2  |       |      |        |       | 75.1  |           |           |      |      |       |       |           |              |                |
| ļ                    |         | ?3.1  |       |      |        |       |       |           |           |      |      |       |       | 14.2      |              |                |
| ≥ 2500<br>≥ 2000     |         | 83.7  | 84.3  | 84.4 |        |       |       | 84.7      |           |      |      |       |       |           | -            | 94.7           |
| <u> </u>             |         | 84.7  | 85.4  |      |        |       |       |           |           |      |      | 95.9  |       |           |              |                |
| ≥ 1800               |         | 04.9  |       |      | 86.1   |       |       |           |           | 86.0 |      |       |       |           |              | 56.7           |
|                      |         | 99.6  |       |      |        | ————— |       |           |           |      |      |       |       |           |              | _              |
| ≥ 1200               |         | 2.06  | . • • |      |        |       |       |           |           |      |      |       | - 1   |           | 96.0         | 96.0           |
| ·                    |         | 93.4  |       | 95.6 |        |       |       |           | -         |      | 97.5 |       |       |           | <del></del>  |                |
| ≥ 900<br>≥ 800       |         | 94.1  |       |      | 97.7   | 1     |       |           |           |      | -    | _     |       |           |              | 28.5           |
|                      |         | 04.6  |       |      |        |       |       |           |           |      |      |       | 93.9  |           |              | 25.9           |
| ≥ 700                |         | 94.6  |       | 96.9 |        | 98.4  | 1 - 1 |           |           |      |      |       | 1     | 99.1      |              | 39.1           |
| <u> </u>             |         | 94.6  |       |      |        |       |       |           |           |      |      |       |       |           |              |                |
| ≥ 500<br>≥ 400       |         | 94.9  |       |      |        |       | 99.1  |           | . • 1     |      |      |       |       |           |              |                |
| <u> </u>             | <b></b> | 94.9  |       | 97.1 | 98.7   |       |       | 99.6      |           |      |      |       | 99.7  |           | 99.7         |                |
| ≥ 300                |         | 04.9  |       | 97.1 | 98.7   | 98.8  |       |           |           |      |      |       |       |           | 100.7        |                |
|                      |         | 34.3  |       | 97.1 |        | 98.8  |       |           |           |      |      |       |       |           | 100.0        |                |
| > 100                |         | 94.9  |       | 97.1 |        | 98.8  |       |           |           |      |      |       | 1     |           | 100.0        |                |
| ≥ 0                  | L       | 94.9  | 96.7  | 97.1 | 98.7   | 98.8  | 99.4  | 09.7      | 99.8      | 99.9 | 99.9 | 100.0 | 100.0 | I U U O J | <u>130.0</u> | I die          |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_

HE MAL CLIMATOLOGY BRANCH CLOSELTAC Al VEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2 1 LAUES AS AZ

71-80

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| CELING           | -   |                  |         |        |           |              | v+\$    | B L ** STA | ATUTE MIL    | E5    |              |         |               |              |          |             |
|------------------|-----|------------------|---------|--------|-----------|--------------|---------|------------|--------------|-------|--------------|---------|---------------|--------------|----------|-------------|
| (FEET)           | 5.0 | ≥ 6              | ≥ 5     | ≥ 4    | ≥ 3       | ≥2%          | ≥ ;     | ≥ . V:     | ≥1%          | ≥,    | ≥ 4          | ≥%      | <b>≥</b> ∨.   | ≥ 5/16       | 2 4      | ≥c          |
| NO CEUNG         |     | 22.              | 22.     | 72.0   | 22.9      | 22.9         | 22.9    | 22.9       | 22.3         | 22.9  | 22.0         | 22.9    | 22.9          | 02.4         | 23.0     | 7.3.        |
| ≥ 20000          |     | 25.3             | 25.4    | 25.8   | 25.9      | <u>?5.9</u>  | 25.9    | 25.9       | 25.9         | 25.9  | 25.9         | 25.9    | 25.9          | 25.9         | 25.      | ٠6٠٠        |
| ≥ 18000          |     | 25.7             | 25.8    | 25.8   | 25.9      | 25.9         | 25.9    | ₹5.9       | 25.9         | 25.9  | 25.0         | 25.9    | 25.9          | 25.9         | 26.0     | 2000        |
| ≥ 6000           |     | 25.              | 25.8    | 25.8   | 25.9      | 25.9         | 25.9    |            | 25.9         |       |              | 25.9    |               |              |          | 20.0        |
| ≥ 14000          |     | 25.4             | 25.8    | 25 ∙ 8 | 25.9      | 25.9         |         |            | 25.9         |       | 25.9         | ?5.9    | 25.9          | 25.9         | 26.0     | 1001        |
| ≥ .500€          |     | 25.0             | 25.4    | 25.8   |           | 25.9         |         |            |              |       |              | 25.7    | 25.9          |              |          |             |
| 20000: ≤         |     | 26.2             | 26.2    | 26.2   | 1         | 26.3         |         |            | 26.3         |       | 26.3         | 26.3    |               |              | 26.4     | €6.4        |
| ≥ 9000           |     | 20.2             | 26.2    | 26.2   |           |              |         |            | ? <u>6.3</u> |       |              | 26.3    |               |              |          | 76.4        |
| ≥ 8000<br>≥ 7000 |     | 26.9             | 26.₽    | 26.8   |           | 26.9         |         |            | 26.9         |       | 26.°         | 26.9    | -             | 26.7         | 7.7      | 7.          |
|                  |     | 26.3             | 25.9    | 26.9   |           |              |         |            | 27.3         |       |              | 27.0    |               | 27.          | 27.1     | 27.1        |
| ≥ 6000<br>≥ 5000 |     | 26.9             | 26.9    | 26.9   | 27.0      |              |         |            |              | 27.9  | 27.0         | 27.0    |               |              | 27.1     | 27.1        |
|                  |     | 26.9             | 26.9    | 26.9   |           |              |         |            |              |       | 27.0         | 27.0    |               |              | _7.1     | 27.1        |
| ≥ 4500<br>≥ 4000 |     | 27.1             | 27.2    | 27.2   |           | 27.3         | l i     |            | 27.3         | · - I | 27.3         | 27.3    | _             | 27.3         |          | 27.4        |
|                  |     | 40.7             | 40.4    |        |           | <u> 41.0</u> |         |            | 41.5         | 41.0  | 41.0         | 41.0    | 41.0          | 41.0         | 41.1     | 41.4        |
| ≥ 3500<br>≥ 3000 |     | 72.9             | 73.4    |        | 73.6      | 73.7         |         |            | 73.7         | 1     | 73.7         | 73.7    | 73.7          | 73.7         | 73.8     | 73.3        |
|                  |     | 22.8             |         | 83.7   |           |              |         | -          | 84.          | 84.0  | 64.0         | 94.0    | c4.0          | 34.0         | -4-1     | 24.1        |
| ≥ 2500<br>≥ 2000 |     | - 3 - 2          | 1 7 7   | 84.1   | 34.2      |              |         |            | 34.4         |       | 54.4         | 84.4    | 64.4          | 25.6         | 64.6     |             |
|                  |     | 24.2             | 85.1    | 85.1   |           | 85.4         |         |            |              |       |              |         |               |              |          | 26.1        |
| ≥ 1800<br>≥ 1500 |     | 34.7             |         | 35.6   |           |              |         |            | 86.4         |       | 86.0<br>91.6 | 86.J    |               | 86.5<br>91.6 |          |             |
|                  |     | 0 3 . 4<br>3 . 3 | 90.4    | 90.8   |           | 91.3         |         |            |              |       | 97.0         | 97.5    |               | 97.0         | 97.1     | 77.1        |
| ≥ 1200           |     | S 3 • 2          | 1       | - 1    |           | 98.2         |         | 1          | 98.6         |       |              |         |               |              |          |             |
| > 900            |     | 53.3             | 95.4    | 96.1   | 98.2      |              |         |            |              |       | 96.8         |         |               | 98.6         | 43.9     | 75.9        |
| ≥ 900<br>≥ 800   |     | 93.8             | 1 .     |        |           | 98.8         |         | -          | 99.3         | 1     |              |         |               |              |          |             |
| ≥ 700            |     | c 3 . 8          |         |        |           | 98.9         |         |            |              |       |              |         |               | 99.4         |          | <b>□9.5</b> |
| ≥ 600            |     | 93.8             | 1 7 7 1 |        |           |              |         |            | 99.4         |       | - 1          |         |               |              | 99.6     |             |
| ≥ 500            |     | 93.8             |         |        | 98.8      |              |         |            |              | _     |              |         |               |              | 99.7     | 99.7        |
| ≥ 400            |     | 03.8             |         |        | 1         | - 1          |         |            |              | 99.7  |              |         |               | 29.7         |          | 09.0        |
| ≥ 300            |     | 73.8             |         |        | 99.d      |              |         |            | 99.9         |       |              |         |               | 99.7         |          |             |
| ≥ 200            |     | 93.8             | 1 - 1   |        | 99.0      |              |         | 1          |              | 99.9  | -            |         |               |              | 1:5.0    |             |
| ≥ 100            |     | 93.8             |         |        | 99.0      |              |         |            | 99.9         |       |              |         | $\overline{}$ | _            |          | 1:0.        |
| 2 0              |     | 93.8             | 1 1     |        |           |              |         |            |              | 99.9  |              |         |               |              |          |             |
|                  |     | 7 9 9            | 7307    | .007   | - / / • 4 |              | المعتشب | . , , ,    |              |       |              | · / • / | · · · ·       | .,,,,        | <u> </u> |             |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

SETTAL CEIMATOLOGY BRANCH A 1 AF STAC AT AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2.1 LAJES AR AZ

71-80

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| 1EUNO                        |      |                       |              |                      |              |                  | ٧١S              | B.TY ST      | ATUTE MIL            | <b>E</b> S   |      |                      |      |               |              | <u> </u>     |
|------------------------------|------|-----------------------|--------------|----------------------|--------------|------------------|------------------|--------------|----------------------|--------------|------|----------------------|------|---------------|--------------|--------------|
| (FEET)                       | ≥ .¢ | ≥6                    | ≥ 5          | ≥4                   | ≥ 3          | ≥2%              | ≥:               | ≥ ½          | ≥1%                  | ≥,           | ≥ 4  | ≥ %                  | ≥ /  | ≥ 5/16        | 2 4          | ≥c           |
| NO CERING.<br>≥ 20000        |      | 16.0                  | 17.          | 17.J<br>22.1         | 17.0         | 17.3             | 17.0             | 17.J<br>22.1 | 17.0<br>22.1         | 17.0<br>22.1 | 17.0 | 17.3<br>22.1         | 17.0 | 17.           | 17.3         | 17.          |
| 218000<br>≥ 18000<br>≥ 18000 |      | 22.1                  | 22.1         | 22 • 1<br>22 • 1     | 22.1         | 22.1             | 22 · 1<br>22 · 1 | 22.1         | 22.1<br>22.1         | 22.1         | 22.1 | 22.1                 | 22.1 | 22.1          | 22.1         | 72.1<br>22.1 |
| ≥ 14000<br>≥ 12000           |      | 72•0<br>7 <b>2•</b> 3 | 22.4         | 22.1<br>22.4         | 22.1<br>22.4 | 22.4             | 22.1<br>22.4     |              | 22.4                 |              | [ I  | 22.4                 | 22.1 | 22.1<br>22.4  | 27.1<br>22.4 | 1            |
| 20000 ≤                      |      | 72.9<br>23.1          | 23.2         | 23.0<br>23.2         |              | 23.d<br>23.2     | 23.0<br>23.2     | 23.2         | 23.7                 |              | 23.2 | 23.2<br>23.2         | 27.0 | 23.2          | 23.7         | 23.5         |
| ≥ 8000<br>≥ 7000             |      | 22.2<br>23.2          | 28.3<br>28.3 | 28.3<br>28.3         | 2명·3<br>23·4 | 23.3<br>29.4     |                  | 28.4         | 28.3<br>28.4         | 26.4         | 28.4 | 28.3<br>26.4         | - 4  | 23.4          |              | 75.4         |
| ≥ 6000<br>≥ 5000             |      | 25.2<br>20.2          | 23.3<br>28.3 | 28.3<br>26.3         | 23.4<br>29.4 | 29.4<br>28.4     | 28.4             | 25.4         | 28.4<br>28.4         | 20.4         | 28.4 | 28.4<br>28.4         | 22.4 | 25.4          | 29.4         | 78.4         |
| ≥ 4500<br>≥ 4000             |      | 25.6<br>42.0          | 28.7<br>42.1 | 28.7<br>42.1         | 28.8<br>42.2 | 28.8             | 42.2             | 42.2         | 28.9<br>42.2         | 42.2         | 42.2 | 28.8<br>42.2         | 42.2 | 42.2          | 42.2         | 4.0.         |
| ≥ 3500<br>≥ 3000             |      | 74.7                  | 75.2<br>85.0 |                      |              | 75.8<br>85.8     | 15.8             | P5.8         |                      | 95.8         | 85.0 | 75.8<br>85.8         | 85.0 | 55.8          | 05.5         | #5.·         |
| ≥ 2500<br>≥ 2000             | _    | 64.7<br>65.6          | 85.4         | 86.6                 |              | 86.2             | 87.1             | 97.1         | 87.1                 | £7.1         | 87.1 | 86.2                 | 87.1 | 27.1          | .7.1         | 37.1         |
| ≥ 1800<br>≥ 1500             |      | °5.8                  | 91.7         | 91.8                 | 92.6         | 92.6             |                  | 92.6         | 87.3<br>92.6         | 92.6         | 92.6 | 92.6                 | 92.6 | 92.6          |              | 02.€         |
| ≥ ,000                       |      | 73.0                  | 94.7<br>95.8 | 95.2<br>96.6<br>96.8 |              | 96 • 1<br>97 • 6 |                  | 97.7         | 96.2<br>97.7<br>97.9 | 97.7         | 97.7 | 96.2<br>97.7<br>97.9 | 97.7 | 97.7          | 97.7         |              |
| ≥ 900<br>≥ 800<br>≥ 700      |      | 74.2<br>74.3          | 96.1         | 96.9                 | 98.1<br>98.1 | 98.1             | 98.2             | 78.4         | 98.6                 | 98.6         | 98.6 | 98.6<br>95.8         | 98.6 | 58.6          | 98.5         | · E . (      |
| ≥ 600<br>≥ 500               |      | 04                    | 96.4         | 97.2                 |              | 98.6             | 98.7             | 98.8         | 99.1                 | 99.1         | 99.1 | 99.1                 | 99.1 | 99.1          | 19.1         | 99.          |
| ≥ 400<br>≥ 300               |      | 04.3                  | 96.4         | 97.2                 |              | 99.1             | 99.2             | 1            |                      | 99.8         | 99.8 | -                    | 99.8 | 29.           |              | 99.8         |
| ≥ 200<br>> 100               |      | 74.3                  | 96.4         | 97.2                 | 98.9         | 99.1             | 99.3             | 99.4         | 99.8                 | 99.9         | 99.9 | 99.9                 | 97.9 | 99.3<br>100.0 | 99.9         |              |
| ≥ 0                          |      | 94.                   | 96.4         |                      |              | 99.1             |                  | 1            |                      |              | 99.9 |                      |      |               | ເວດ          | 100.         |

TOTAL NUMBER OF OBSERVATIONS

.U. - AL CLIMATOLOGY PANCH ... FETAC ALS. LEATHFR SERVICEZMAC

## CEILING VERSUS VISIBILIT

1 2 1 LAUFS AS AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CE ( NO             |      |              |              |                              |                      |              | V1\$         | B . ** S**   | ATUTE MIL      | £ S          |              |              |              |              |                         |          |
|---------------------|------|--------------|--------------|------------------------------|----------------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|-------------------------|----------|
| 175E*s              | ≥ .¢ | ≥ 6          | ≥ 5          | ≥ 4                          | ≥ 3                  | ≥2%          | ≥ ;          | ≥ ٧.         | <u>&gt;</u> 1% | ≥ '          | 2 4          | ≥ %          | 2.           | ≥ 5716       | 2 4                     | ≥.       |
| NO CEUNO<br>≥ 20000 |      | 1 S          | 18.5<br>25.3 | 15.0<br>25.2                 | 18.A<br>25.2         | 18.8<br>5.2  | 18.8<br>25.2 | 16.8<br>25.2 | 10.4<br>25.2   | 1~.8<br>25.2 | 18.<br>25.2  | 10.5         | 1 .3         | 18.4<br>(5.4 | 10.2                    | 15       |
| ≥ 18000<br>≥ 16000  |      | 21.2         | 25.2<br>25.3 | 25 <b>.2</b><br>25 <b>.3</b> | 25.2<br>25.3         | 25.2<br>25.3 | 25.3<br>25.3 | 25.3         | 25.7<br>25.3   |              | 25.7<br>25.3 | 25.2<br>25.7 | 25.3         | 25.2<br>25.3 | () ()<br>() ()<br>() () | 25<br>25 |
| ≥ 14000<br>≥ 12000  |      | 25.3<br>25.6 | 25.3<br>25.6 | 25 <b>.3</b><br>25.6         | 25.3<br>25.6         |              |              |              | 25.3<br>25.6   | 1 1          | 25.6         | 25.5         | 25.3<br>25.6 |              | 75.3                    |          |
| ≥ 10000<br>≥ 9000   |      | 26.6<br>26.7 | 26.7         | 26.6<br>26.7                 | 26.6<br>26.7         |              |              | 76.7         | 26.7           | 26.7         | 26.6         | 26.6<br>26.7 | 26.6<br>26.7 |              |                         | 75       |
| ≥ 800C<br>≥ 7900    |      | 70.4<br>35.7 | 30.7         | 33.8                         | 3€.8                 | 30.8         | 30.8         | 30.8         | 37.9           | 10.3         | 30.5         | 30.6<br>30.9 | 30.0         | 3,00         | ;                       | 35       |
| ≥ 6000<br>≥ 5000    |      | 30.0<br>30.3 | 30.9<br>30.9 |                              | 20.9<br>31.0         | 31.0         | 31.0         |              |                | 31.0         | 31.          | ₹8.9<br>31.0 | 31.0         | 31.3         | 21.7                    | 1        |
| ≥ 4500<br>≥ 4000    |      | 71.4<br>48.1 | 45.1         |                              | 31.6<br>4:.3         | 48.3         | 48.3         |              | 40.7           | 40.3         | 31.4         | 31.6<br>43.3 |              | 45.          |                         | 4 5      |
| ≥ 3500<br>≥ 3000    |      | 73.9<br>25.9 | 66.2         | 36.7                         | 66.9                 | 26.9         | 87.0         |              | 37.0           | F7.5         | 79.7<br>87.0 | 79.7         | ٤7.3         | : 7 . T      | 79.7<br>27.7            | -, 7     |
| 2 2500<br>2 2000    |      | 27.0         |              | 38.0                         | 88.2                 | 58.2         | 89.3         | a & . 3      | 38.            | 98.3         | 87.5         | 97.6<br>89.3 | 27.6<br>87.3 | £9.?         | 57.5                    | 3.5      |
| ≥ 1800<br>≥ 1500    |      | : 7.6<br>    | 92.4         |                              | 99.8<br>94.0         | 94.0         | 94.1         | 94.4         | 94.4           | 94.4         | 94.4         | 83.9         | 44 4         | 94.4         | - 3 - 5<br>- 4 - 4      | 4        |
| ≥ 1200<br>≥ ,000    |      | 94.          | 95.1         | 95.2<br>95.9                 | 96.4<br>97.1         | 97.1         | 97.6         |              | 97.5           | 97.9         | 97.0         | 97.9         | 97.2         | 57.4         | 97.°                    | - 1      |
| ≥ 900<br>≥ 800      |      | 94.1         | 95.4         | 06 • €                       | 97.2                 | 97.6         | 98.0         |              | 98.4           | 98.4         | 98.U<br>98.4 | 98.1         |              | 96.5         | 3.6<br>3.6              | ,        |
| 2 700<br>2 600      |      | 94.2<br>94.3 | 95.7         | 96.3<br>96.4                 | 97.7<br>97.8<br>98.2 | 07.9         | 98.3         | 98.7         | 98.6           |              | 96.7         | 99.1<br>99.7 | 59.1         | 99.1         | 59.1                    | 31       |
| 2 500<br>2 400      |      | 94.7         |              | 97.0                         | 98.3                 | 98.4         | 99.1         |              | 99.7           | 99.9         | 99.0         | 100.0        | 100.3        | 160.3        |                         | 13.      |
| 2 200               |      | 74.7         |              | 97.0                         | 98.3                 | 98.4         | 99.1         | _            | 99.7           |              | 99.9         | 100.0        | 100.0        | 160.3        |                         | 1        |
| 2 0                 |      | 24.7         | 96.2         |                              |                      |              |              |              |                | 69.9         |              |              |              |              |                         | <u> </u> |

TOTAL NUMBER OF OBSERVATIONS \_\_

| AD-A113 227   | NOV 81     | ATOMES. HEA | 12ED ONIFOR- |              | SUPFACE WEAT                                     | C F/G 4/2<br>HER OBETC(U) |
|---------------|------------|-------------|--------------|--------------|--|---------------------------|
| UNCLASSIFIED  | USAFETAC/D | 5-81/103    |              | 581-AD-E850  | 143  | ' NL                      |
| 3   <b>\$</b> |            |             |              |              |  |                           |
|               |            |             |              |              |  |                           |
|               |            |             |              |              |  |                           |
| <del></del>   |            |             |              | +            |  |                           |
|               |            |             |              | <del> </del> | <del>                                     </del> |                           |
|               |            | _           |              |              | <u> </u>   |                           |
|               |            |             |              |              |  |                           |
|               |            |             |              |              |  |                           |

OF

# 13227



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

SE A AL CLIMATOLOGY BRANCH SSAFETAC ATH AFATHIR SERVICE/MAC

## CEILING VERSUS VISIBILITY

71-80

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| 4.5                  |             |      |      |      |      | _    | ¥+5  | BLTY ST | ATUTE MIL | ES   |      |       |       |        | _     |                |
|----------------------|-------------|------|------|------|------|------|------|---------|-----------|------|------|-------|-------|--------|-------|----------------|
| /-EE*s               | ≥ 0         | ≥6   | ≥ 5  | ≥ 4  | ≥ 3  | ≥2%  | ≥ 2  | ≥ - %   | ≥1%       | ≥ '  | ≥ 4  | ≥ %   | ≥ v.  | ≥ 5/16 | 2%    | ≥د             |
| NO 18 UNG<br>2 20000 |             | 23.6 | 27.6 |      |      |      |      |         |           | 26.6 |      |       |       |        |       |                |
|                      |             | 27.6 |      |      | 27.6 |      |      |         |           | 27.6 |      |       |       | 27.0   |       | 27.6           |
| ≥ 18000              | - 1         | 27.6 |      |      |      |      |      |         |           | 27.6 |      |       |       | 27.5   |       |                |
|                      |             | 27.7 | 27.7 |      | 27.7 |      |      |         |           | 27.7 |      |       |       |        | 7.7   |                |
| ≥ '460C<br>≥ 200C    | -           | 27.8 |      |      |      | _    |      |         | -         | 27.8 |      |       |       |        | -     |                |
| <b>├</b>             |             | 28.0 | 29.  | 28.0 |      | 28.0 |      | 26.7    | 28.0      |      | 25.0 | 28.0  |       |        |       |                |
| ≥ 19000              |             | 53.3 | 29.3 | 29.3 | 29.4 |      |      | 29.4    |           |      | 27.4 |       |       |        |       |                |
| 3 9000               |             | 23.4 | 29.4 | 29.4 | 27.6 | 29.6 | 29.6 | 29.6    | 29.6      | 29.6 | 29.6 | 29.6  | 20.6  | 29.€   | 29.6  |                |
| ≥ 9000               | 7           | 73.3 | 33.3 |      |      | 33.4 |      |         |           | 33.4 |      |       |       | 33.4   |       |                |
| ≥ '2000              |             | 73.4 | 33.7 | 33.8 | 33.9 | 33.9 | 33.9 | 33.9    | 33.9      | 33.9 | 33.? | 33.9  | 33.9  | 33.9   | 33.9  | 23.9           |
| ≥ 6006               |             | 33.4 | 33.8 | 33.8 | 33.9 | 33.9 | 33.9 | 33.9    | 33.9      | 33.9 | 33.9 | 33.9  | 33.9  | 33.5   | 33.9  | 33.9           |
| 2 500C               |             | 34.2 | 34.2 | 34.2 | 34.3 | 34.3 | 34.3 | 34.3    | 34.3      | 34.3 | 34.3 | 34.3  | 34.3  | 34.3   | 34.3  | 34.3           |
| ≥ 4500               | Ī           | 35.2 | 35.2 | 35.2 | 35.3 | 35.3 | 35.3 | 35.3    | 35.3      | 35.3 | 35.3 | 35.3  | 34.3  | 35.3   | 35.3  | 35.3           |
| ≥ 4000               |             | 54.9 | 54.8 | 54.9 | 55.d |      |      |         |           | 55.0 |      |       | 55.0  | 55.0   | 55.0  | 5.5            |
| ≥ 3500               |             | 90.8 | 81.1 |      |      |      |      |         |           | 91.6 |      |       |       |        |       |                |
| ≥ 3000               | 1           | -6.1 | 86.6 | 86.9 | 87.2 |      |      |         |           | 87.2 |      | 87.2  | 7.2   |        | 57.2  | 87.2           |
| - 2500               |             | 96.6 | 87.0 |      | 87.7 |      |      |         |           |      |      |       | 87.7  | 87.7   | 87.7  | 37.7           |
| 2000                 | i           | 07.6 |      | 7    |      |      |      | -       |           | 90.8 |      |       | 8.8   |        |       |                |
| ≥ 1800               |             | 67.8 |      |      |      |      |      | 89.0    |           |      |      |       |       |        | 37.3  |                |
| ≥ 1500               |             | ¢1.6 |      | 93.4 |      |      |      |         |           | 95.1 |      |       | 95.1  | -      |       |                |
| ≥ 1200               |             | 73.3 | 94   | 95.4 |      |      |      |         |           | 97.3 |      |       |       |        |       |                |
| ≥ 000                | - !         | 93.7 |      | 96.0 |      |      |      |         |           | 96.3 |      |       | 98.3  |        |       |                |
| 2 900                | +           | 93.8 |      | 96.2 |      |      |      | _       |           | 98.9 |      |       |       |        |       |                |
| ≥ 800                |             | 93.8 | 1    | 96.2 |      |      |      |         |           | 98.9 |      | -     |       |        |       |                |
| 2 700                | <del></del> | 03.9 |      |      |      | 98.3 |      |         |           | 99.1 |      |       |       |        | 59.1  |                |
| ≥ 600                |             | 04.7 | 95.3 |      | 98.4 |      | -    |         |           | 99.4 | 1    | _     |       |        |       | -              |
| <b>├</b> ──          | -           | 94.1 | 95.4 | 96.7 |      |      | 99.1 |         |           | 99.6 |      |       |       |        |       |                |
| ≥ 500<br>≥ 400       |             | 94.1 | 95.4 | 96.7 |      |      |      |         | 99.3      |      | 99.6 |       |       | -      |       | 99.7           |
|                      |             |      | _    |      |      |      |      | 99.3    |           | 99.6 |      |       |       |        |       |                |
| ≥ 300<br>≥ 200       | i           | 94.1 | 95.4 | 96.1 | 98.6 |      | 99.1 |         |           |      |      | -     |       |        |       |                |
| <u> </u>             |             | 34.1 | 95.4 | 96.7 |      |      |      |         |           | 99.9 |      |       |       |        |       |                |
| > 100<br>> 0         |             | 24.1 | 95.4 | 96.7 | 98.6 |      |      |         |           | 99.9 |      |       |       |        |       |                |
| 2 0                  |             | 94.1 | 95.4 | 96.7 | 98.6 | 98.6 | 99.4 | 99.7    | 99.7      | 99.9 | 99.9 | 100.0 | 130.0 | 120-3  | 193°0 | ال و في با الم |

TOTAL NUMBER OF OBSERVATIONS

GE WAL CLIMATOLOGY RRANCH USAFETAC ATT FEATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

1 2 1 LAJES AB AZ

71-83

APO

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14.00-1700 House (L.s.v.)

| CEILNO          |     |      |      | <del></del> |      | _    | viS  | BLTY ST | ATUTE MILI   | ES.  |      |        | _      |        |         |       |
|-----------------|-----|------|------|-------------|------|------|------|---------|--------------|------|------|--------|--------|--------|---------|-------|
| (FEE's          | ₹.0 | ≥6   | ≥ 5  | ≥ 4         | ≥ 3  | ≥2%  | 22   | ≥ . ⊁   | ≥1%          | ≥ '  | ≥ %  | ≥%     | ≥ ٧.   | ≥ 5/16 | 2.4     | ت≤    |
| NO CEUNG        |     | 17.6 | 17.6 | 19.6        | 19.6 | 17.6 | 10.6 | 19.6    | 19.6         | 19.6 | 19.6 | 19.6   | 10.6   | 19.6   | 19.5    | 19.5  |
| ≥ 20000         |     | 28.5 | 28.5 | 28.5        | 28.5 | 28.5 | 28.5 | 28.5    | 28.5         | 26.5 | 28.5 | 28.5   | 2 - 5  | 26.5   | 2A . 5  | 39.5  |
| ≥ 18000         |     | 25.5 | 28.5 | 28.5        | 28.5 | 28.5 | 28.5 | 28.5    | 28.5         | 26.5 | 28.5 | 28.5   | 28.5   | 28.5   | 28.5    | 28.5  |
| ≥ 16000         |     | 23.7 | 28.7 | 28.7        | 28.7 | 28.7 | 28.7 | 28.7    | 28.7         | 28.7 | 28.7 | 28.7   | 28.7   | 26.7   | 24.7    | 28.7  |
| ≥ 1400C         | _   | 25.7 | 28.7 | 28.7        | 28.7 | 28.7 | 29.7 | 28.7    | 28.7         | 28.7 | 28.7 | 28.7   | 20.7   | 28.7   | 7 P . 7 | 28.7  |
| ≥ 2000          |     | 24.0 | 29.  | 29.0        | 29.0 | 29.0 | 29.0 | 29.0    | 29.0         | 29.0 | 29.0 | 29.0   | 2°•3   | .9.J   | 29.0    | 77.   |
| 3000€. ₹        |     | 37.1 | 30.1 | 30.1        | 30.1 | 30.1 | 30.1 | 30.1    | 31 • 1       | 30.1 | 30.1 | 30 • 1 | 30 • 1 | 30.1   | 30.1    | 30.1  |
| ≥ 9000          |     | 30.5 | 30.5 | 30.5        | 30.5 | 30.5 | 30.5 | 30.5    | 30.5         | 3€.5 | 30.5 | 30.5   | 30.5   | 30.5   | 30.5    | ?u•5  |
| ≥ 8000          |     | 33.6 | 33.6 | 33.6        | 33.6 | 33.6 | 33.6 | 33.6    | 33.6         | 33.6 | 33.6 | 33.6   | 33.6   | 33.6   | 33.6    | 33.€  |
| ≥ 7000          |     | 33.9 | 33.9 | 33.8        | 33.9 | 33.9 | 33,9 | 33.9    | 33.9         | 33.9 | 33.9 | 33.9   | 33.0   | 33.7   | 33.9    | 33.9  |
| ≥ 6000          |     | 33.8 | 33.8 | 33.8        | 33.9 | 33.9 | 33.9 | 33.9    | 33.9         | 33.9 | 33.9 | 33.9   | 33.9   | 33.9   | 33.0    | 33.9  |
| ≥ 5000          |     | 34.3 | 34.3 | 34.3        | 34.4 | 34.4 | 34.4 | 34.4    | 34.          | 34.4 | 34.4 | 34.4   | 34.4   | 34.4   | 34.4    | 34.4  |
| ≥ 4500          |     | 35.Q | 35.0 | 35.0        | 35.2 | 35.2 | 35.2 | 35.2    | 35.2         | 35.2 | 35.2 | 35.2   | 35.2   | 35.2   | 35.2    | 35.2  |
| ≥ 400C          |     | 53.7 | 53.8 | 53.8        | 53.9 | 53.9 | 54.1 | 54.1    | 54.1         | 54.1 | 54.1 | 54.1   | 54.1   | 54.1   | 54.1    | 54.1  |
| ≥ 3 <b>50</b> 0 |     | 31.6 | 82.9 | 83.0        | 83.3 | 83.4 | 83.5 | 83.6    | 33.6         | 93.6 | 83.6 | 83.6   | 83.6   | 83.6   | 83.6    | 83.6  |
| ≥ 3000          |     | 86.1 | 87.5 | 37.8        | 88.1 | 88.2 | 88.3 | 88.4    | 88.4         | 88.5 | 88.5 | 98.5   | 88.5   | 68.5   | 59.5    | 2.68  |
| ≥ 2500          |     | 86.2 | 87.9 | 88.0        | 88.3 | 88.4 | 88.5 | 88.7    | 88.7         | 88.3 | 88.8 | 88.8   | 8.33   | 88.6   | 68.9    | 88.8  |
| ≥ 2000          | _   | 26.9 | 88.4 | 88.7        | 89.2 | 89.3 | 89.4 | 89.5    | 89.5         | 85.7 | 89.7 | 89.7   | 89.7   | 89.7   | 89.7    | P9.7  |
| ≥ 1800          |     | 36.9 | 88.4 | 88.7        | 89.2 | 89.3 | 89.4 | 89.5    | 89.5         | 89.7 | 89.7 | 89.7   | 89.7   | 89.7   | 89.7    | 89.7  |
| ≥ 1500          |     | 70.7 | 92.4 | 92.9        | 93.8 | 93.9 | 94.1 | 94.3    | 94.3         | 94.4 | 94.4 | 94.4   | 94.4   | 94.4   | 94.4    | 34.4  |
| ≥ 1200          |     | 2.5  | 94.4 | 94.9        | 95.9 | 96.0 | 96.2 | 96.6    | 96.6         | 96.7 | 96.7 | 96.7   | 96.7   | 96.7   | 96.7    | ი6.7  |
| ≥ ,000          |     | 93.4 | 95.7 | 96.1        | 97.2 | 97.4 | 97.8 | 98.1    | 98.1         | 98.2 | 98.2 | 98.2   | 99.2   | 98.2   | 98.2    | 98.2  |
| ≥ 900           |     | 73.4 | 96.  | 96.4        | 97.6 | 97.8 | 98.1 | 08.4    | 98.4         | 98.6 | 98.6 | 98.7   | 98.8   | 98.8   | 98.8    | 98.8  |
| ≥ 800           |     | 93.9 | 96.1 | ?6.6        | 97.7 | 98.0 | 98.4 | 98.8    | 98.9         | 99.0 | 99.0 | 99.1   | 99.2   | 99.2   | 99.2    | 99.2  |
| ≥ 700           |     | 94.0 | 96.2 | 96.8        | 98.0 | 98.3 | 98.8 | 99.1    | 99.2         | 99.3 | 99.3 | 99.4   | 99.6   | 99.6   | 99.5    | 79.6  |
| ≥ 600           | _   | 24.0 | 96.2 | 96.8        | 98.0 | 98.3 | 98.8 | 99.1    | 99.2         | 99.3 | 99.3 | 99.4   | 99.6   | 99.5   | 99.6    | 99.6  |
| ≥ 5000          |     | 94.0 | 96.2 | 96.8        | 98.0 | 98.3 | 98.5 | 99.1    | 99.2         | 99.3 | 99.3 | 99.4   | 99.6   | 99.0   | 99.6    | 99.6  |
| ≥ 400           |     | 94.0 | 96.3 | 96.9        | 98.1 | 98.4 | 98.9 | 99.2    | <u>99.</u> 3 | 99.4 | 99.4 | 99.6   | 99.7   | 99.7   | 99.7    | 99.7  |
| ≥ 300           |     | 94.1 | 96.4 | 97.1        | 98.3 | 98.7 | 99.1 | 99.4    | 99.6         | 99.7 | 99.7 | 99.8   | 99.9   | 99.9   | 99.9    | 99.9  |
| ≥ 200           |     | 94.1 | 96.4 | 97.1        | 98.3 | 98.7 | 99.1 | 99.4    | 99.6         | 99.7 | 99.7 | 99.8   | 99.9   | 99.9   | 99.9    | 99.9  |
| ≥ 100           |     | 94.1 | 96.4 | 97.1        | 95.3 | 98.7 | 99.1 | 99.4    | 99.6         | 99.7 | 99.7 | 99.8   | 99.9   | 99.9   | 99.9    | 99.9  |
| ž 0             |     | 94.1 | 96.4 | 97.1        | 98.3 | 98.7 | 99.1 | 99.4    | 99.6         | 99.7 | 99.7 | 99.8   | 99.9   | 99.9   | 99.9    | kap.a |

TOTAL NUMBER OF OBSERVATIONS 800

CL HAL CLIMATOLOGY BRANCH CONFETAC AT WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 7 1 LAJES AR AZ

71-87

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1820-2002 HOURS (L.S.T.)

| TELNO    |      |         |      |      |      | -    | v1\$ | BLITY ST | ATUTE MILI     | ES    |                |         |       |       | _      |               |
|----------|------|---------|------|------|------|------|------|----------|----------------|-------|----------------|---------|-------|-------|--------|---------------|
| reet,    | ≥ 'C | ≥6      | ≥5   | ≥ 4  | ≥ 3  | ≥2%  | ≥ 2  | ≥ √%     | ≥1%            | ≥1    | ≥ %            | ≥%      | 2.٧.  | ≥5/16 | ≥ 4    | ≱¢            |
| NO CEUNO |      | 21.4    | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4     | 21.4           | 21.4  | 21.4           | 21.4    | 21.4  | 71.4  | 21.4   | 21.4          |
| ≥ 20000  |      | 3.00    | 30.2 | 30.2 | 30.2 | 30.2 | 30.2 | 30.2     | 30.2           | 36.2  | 30.2           | 30.2    | 32.2  | 30.2  | 37.2   | 30.2          |
| ≥ 18000  |      | 70.4    | 30.2 | 30.2 | 37.2 | 30.2 | 30.2 | 30.2     | 30.2           | 30.2  | 30.2           | 30.2    | 30.2  | 30.2  | 30.2   | 30.2          |
| ≥ 6000   |      | 30.2    | 30.2 | 30.2 | 30.2 | 30.2 | 30.2 |          |                | 30.2  | 30.2           | 30.2    | 30.2  | 30.2  | 30.2   | 20.2          |
| ≥ '4000  |      | 30.2    | 30.2 | 30.2 | 30.2 | 30.2 | 30.2 | 30.2     | 30.2           | 30.2  | 30.7           | 30.2    | 30.2  | 30.2  | 30.2   | 30.0          |
| ≥ 2000   |      | 31.2    | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2     | 31.2           | 31.2  | 31.2           | 31.2    | 31.2  | 31.2  | 31.2   | 3106          |
| ≥ 10000  |      | 31.6    | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6     | 31.6           | 31.6  | 31.6           | 31.6    | 31.6  | 31.5  | 31.5   | 31.4          |
| ≥ 9000   |      | 31.7    | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7     | 31.7           | 31.7  | 31.7           | 31.7    | 31.7  | 31.7  | 31.7   | 31.7          |
| ≥ 8000   |      | 35.7    | 35.7 | 35.7 |      |      | 35.8 |          |                |       |                |         | 35.8  |       |        | 35.5          |
| ≥ 7000   |      | 35.7    | 35.7 | 35.7 | 35.8 | 35.8 | 35.8 |          |                |       |                |         |       | 35.8  | 35.8   | 35.8          |
| ≥ 6000   |      | 35.7    | 35.7 | 35.7 | 35.8 | 35.8 | 35.8 | 35.8     | 35.8           | 35.8  | 35 • 9         | 35.8    | 35.8  | 35.5  | 35.9   | 35.5          |
| ≥ 5000   |      | 35.9    | 35.3 | 35.9 | 36.0 | 36.0 | 35.0 | 36.0     | 36.0           | 36.0  | 36.0           | 36.0    | 35.0  | 36.0  | 36.7   | 76.0          |
| ≥ 4500   |      | 35 - ถ  | 35.d | 36.0 | 36.1 | 36.1 | 36.1 | 36.1     | 36.1           | 36.1  | 36.1           | 36.1    | 36.1  | 36.1  |        | 76.1          |
| 2 400C   |      | 51.9    | 52.2 | 52.2 | 52.4 | 52.4 | 52.4 | 52.6     | 52.6           | 52.6  | 52.6           | 52.6    | 52.5  | 52.€  | 22.5   | <u>:2</u> •6  |
| ≥ 3500   |      | 79.4    | 80.6 | 81.0 | 81.3 | 81.3 | 91.4 | 81.6     | 81.6           | 81.6  | 51.6           | P1.6    |       | 81.6  | #1.5   | 51.6          |
| ≥ 3000   |      | 34.6    | 85.9 | 36.3 | 86.7 | 86.7 | 87.0 | 87.1     | 87.1           | 87.1  | 87.1           | 87.1    | 87.1  | 87.1  | 27.1   | 57.1          |
| ≥ 2500   |      | - °5•2  | 86.6 | 87.0 | 87.3 | 87.1 | 87.7 | 87.8     | 87.8           | 87.8  | 87.8           | 87.€    | 87.8  | 57.8  | ₹7.8   | A7.5          |
| ≥ 2000   |      | 95.9    | 87.3 | 57.8 | 88.1 | 88.1 | 88.6 | 88.7     | 88.7           | 88.7  | 88.7           | 88.7    | 68.7  | 88.7  | 83.7   | 88.7          |
| ≥ 1800   |      | ್- ೧೯•4 | 87.9 | 88.3 | 83.7 | 88.7 | 89.1 |          |                |       |                |         |       |       | 89.2   | £9.2          |
| ≥ 1500   |      | 90.1    | 92.1 | 23.0 | 93.7 | 93.8 | 94.4 | 94.6     | 94.6           | 94.6  | 94.6           | 94.5    | 94.6  | 94.0  | 34.6   | 94.5          |
| ≥ 1200   |      | 92.8    | 95.0 | °6∙0 | 96.4 | 97.0 | 97.7 | 97.8     | 97.8           | 97.8  | 97.3           | • • •   | 97.5  | 97.8  | 97.9   | 97.B          |
| ≥ ,000   |      | 93.9    | 96.1 | 97.2 | 93.1 | 98.2 | 98.9 | ુ 9 • 0  | 99.0           | 99.0  | 59.0           |         | 19.0  | 99.0  | 99.7   | 99.0          |
| ≥ 900    |      | 94.2    | 96.4 | 97.6 | 98.6 | 98.7 | 99.3 | 99.4     | 99.4           | 99.4  | 99.4           | ?: J    | - , 4 | 99.4  | 99.4   | C9.4          |
| ≥ 800    |      | 94.6    | 96.4 | 97.9 | 98.9 | 99.1 | 99.7 |          |                | 99.8  |                |         |       |       | 99.8   |               |
| ≥ 700    |      | 94.1    | 96.9 | 98.0 | 99.0 | 99.1 | 99.8 |          |                | 99.9  |                |         |       |       | 99.9   |               |
| ≥ 600    |      | 94.1    | 96.9 | 98.0 |      |      | 99.8 |          |                | 99.9  |                |         |       |       |        | 66.6          |
| ≥ 500    |      | 04.7    | 95.9 | 98.0 | 99.0 |      |      | 99.9     | 99.9           | 99.9  | 99.9           | 99.9    | 99.9  | 99.9  | 97.9   | 99.9          |
| ≥ 400    |      | 54.7    | 96.9 | 98.0 | 99.0 | 99.1 | 99.8 |          |                | 100.0 |                |         |       |       |        | 190.0         |
| ≥ 300    |      | 94.7    | 96.9 | 98.0 | 99.0 | 99.1 |      |          |                | 100.0 |                |         |       |       |        | ນາວ.ກ         |
| ≥ 200    |      | 34.1    | 96.9 | 98.0 | 99.0 |      |      |          |                | 100.0 |                |         |       |       |        |               |
| > 100    |      | 94.7    | 96.9 | 98.0 | 99.0 | 99.1 | 99.8 | 99.9     | 100.0          | 100.0 | 100.0          | 100.0   | 100.0 | 100.0 | 100.0  | 100.0         |
| ≥ 0      |      | 04.7    | 96.9 | 98.0 | 99.0 | 99.1 | 99.8 | 99.9     | <u> 100. d</u> | 100.0 | <u> 105.</u> 9 | 100 · d | 100.0 | 100.0 | 1 10.0 | <u>180.</u> 0 |

SE HAE CLIMATOLOGY BRANCH ES AFETAC AT BEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

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LAUES AS AZ

71-80

APP

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 100-2300 HOURS (L.S.T.)

VISIBLITY STATUTE MILES CEIL NO IFEET) ≥.% 26.5 26.5 NO CEILING 20.5 26.5 76.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 > 20000 32.0 32.0 32.0 32.0 32.0 32.0 ?2•q 32.4 32.0 32.0 32 · D 32.0 32.0 32.0 32.0 32.0 32.0 32.0 32. 32.0 ≥ 6000 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1 ≥ '4000 32.1 32.1 32.1 32.1 ≥ 2000 32.4 32.8 32.9 32.4 32.8 32.4 32.4 32.4 32.4 32.4 32.4 32.4 32.4 32,4 32.8 32.8 32.9 32.9 32.8 32.8 ≥ 10000 32.8 32.8 32.8 32.8 32.0 37. 32.8 32.8 32.8 ≥ 9000 32.9 32.9 32.9 32.9 32.9 32.9 32.9 32.9 32.9 ≥ 8000 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34 - ક્રી 34 - ક્રી > 7000 34.8 34.8 34.8 34.8 34.5 34.8 34. 34.8 34.8 34.8 34.6 34 . 8 34.8 34.9 34.8 34.6 34.9 34.8 34.8 35.0 35.0 35.0 35.0 34.9 34.8 35.0 35.0 ≥ 6000 34.8 34.8 34.8 34.8 34 . 8 34.5 34.9 34.8 ≥ 5000 35.0 35.0 35.4 35.d 35 · a 35 d 35.0 35 · fl 35.0 35.6 35.6 35.6 35.6 35.6 35.6 35.6 35.6 35.6 35.6 35.6 35.6 35.6 ≥ 4500 35.6 35.6 £ 4000 40.6 49.6 49.6 49.6 49.7 49.7 49.7 49.7 49.7 49.7 49.7 49.7 49.7 49.6 3500 ≥ 3000 84.5 85.0 86.8 36.8 56. 54.5 85.0 P 6 . 2 86.7 1800 °6.2|86.8| > 92.8 93.9 93.9 93.9 94.0 94.0 94.0 94.0 1500 94.0 94.0 94.0 94.0 94. <u>98.4 91.4</u> 95.1 96.3 96.3 96.3 96.6 98.2 98.3 98.3 1200 92.7 93.9 ≥ .000 93.7 95.2 98.6 98.6 98.6 98.6 99.2 99.2 99.2 99.2 96.7 98.3 98.4 98.4 97.2 98.9 99.0 99.0 98.4 98.6 98.6 98.6 98.6 98.6 95.3 95.9 ≥ 800 99.2 99.2 99.2 99.2 99.2 94.2 94.4 96.1 97.4 99.1 59.2 99.2 700 600 99.6 94.4 96.1 97.4 99.2 99.3 99.3 97.6 99.3 99.4 99.4 94.5 96.2 500 400 04.5 96.2 97.6 99.3 300 200 94.4 96.4 97.6 99.3 97.6 99.3 04.5 96.2 100

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

97.6

99.3

GLIMAL CLIMATOLOGY BRANCH GLAFETAC Alm AEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2 1

LAUES AB AZ

71-80

AP "

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

| CELNO                      |      | ·            |                      |                      |                      |      | VIS          | B L TY ST            | ATUTE MIL    | ES           |                      |              |                      |              |              |              |
|----------------------------|------|--------------|----------------------|----------------------|----------------------|------|--------------|----------------------|--------------|--------------|----------------------|--------------|----------------------|--------------|--------------|--------------|
| (PEET)                     | ≥ `C | ≥ 6          | ≥ 5                  | ≥ 4                  | ≥ 3                  | ≥2%  | ≥ 2          | ≥ √%:                | 21%          | ≥ 1          | ≥ *4                 | ≥%           | ≥ ″                  | ≥ 5/16       | 2 %          | ≥c           |
| NO CEUNG<br>≥ 20000        |      | 27.5         | 21.4                 |                      |                      |      | 21.4         | 21.4                 | 21.4         | 21.4         | 21.4                 | 21.4         | 21.4                 | 21.4         | 21.4         | 27.5         |
| ≥ 18000<br>≥ 16000         |      | 27.5<br>27.6 |                      |                      |                      |      |              |                      | 27.5<br>27.6 |              |                      | 27.5<br>27.6 |                      |              | 27.5<br>27.6 | 27.6         |
| ≥ 14000<br>≥ 12000         |      | 27.6         | 1 1                  |                      | 27.6                 |      |              |                      |              |              |                      |              | 27.6                 | 27.6<br>27.9 |              | 27.6         |
| ≥ 10000 ≤                  |      | 23.6<br>25.7 | 28.7                 | 28.7                 | 29.7                 | 28.7 | 28.7         | 28.7                 | 28.7         | 25.7         | 28.7                 | 28.7         |                      | 28.7         | 78.5         | 28.7         |
| ≥ 8000<br>≥ 7000           |      | 31.7<br>31.8 | 31.7<br>31.4         | 31.7                 | 31.7                 |      |              | 31.7                 | 700          | 31.7         |                      | 31.9         | 31.7                 |              | 31.7         | 31.7         |
| ≥ 6000<br>≥ 5000           |      | 31.8<br>32.0 | 32.0                 |                      | 31.9<br>32.1         | 32.1 | 31.9<br>32.1 | 31.9<br>32.1         | 32.1         | 32.1         | 32.1                 | 32.1         | 31.7                 | 31.°<br>32.1 | 31.9         | 32.1         |
| ≥ 4500<br>≥ 4000           |      | 32.6<br>48.3 | 48.4                 | 32.6<br>48.4         | 48.5                 | 48.5 | 32.7<br>48.5 | 32.7<br>48.6         | 32.7         | 32.7         | 32.7                 | 48.6         |                      |              | 45.6         |              |
| ≥ 3500<br>≥ 3000           |      | 77.5         | 85.4                 | 78.4<br>85.8         |                      | 26.3 | 78.8         | 78.6                 | 86.3         | 86.3         | 86.3                 | 86.3         | 66.3                 | 96.3         | 74.8<br>56.3 | 78.8         |
| ≥ 2500<br>≥ 2000           |      | 85.1         |                      | 87.2                 | 87.6                 | 37.6 | 87.7         | 86.7<br>87.8<br>98.1 | 87.8         |              | 86.7<br>87.8<br>88.1 |              | 86.7<br>87.8<br>88.1 |              |              | 66.6<br>97.8 |
| ≥ 1800<br>≥ 1500<br>≥ 1200 |      | 90.5         | 87.1<br>91.7<br>94.4 | 87.5<br>92.3<br>95.1 | 87.9<br>93.2<br>96.3 |      |              | 93.5                 |              | 86.1<br>93.6 |                      | 93.6         |                      | 73.6         |              |              |
| ≥ 000                      |      | 93.7         | 95.4                 | 96.2                 | 97.6                 | 97.7 | 98.3         |                      | 98.2         | 98.2         | 98.2                 | 98.2         |                      | 98.2         |              | 98.0         |
| ≥ 800<br>≥ 700             |      | 74.1         | 96.1                 | 96 • 8               | 98.3                 | 98.6 | 98.7         | 98.9                 |              | 99.0         | - 1                  | 99.0         | 99.1                 | 99.1         | 99.1         | 99.1         |
| ≥ 600<br>≥ 500             |      | 04.1         | 96.2                 | 97.0                 | •                    | 98.6 | 99.          | 99.2                 | 99.5         | 99.4         | 99.4                 |              | 90.4                 | 99.4         | 99.5         | 39.7         |
| ≥ 400<br>≥ 300             |      | 04.4         | 96.                  | 97.1                 | 98.1                 | 98.9 | 99.3         | 99.5                 |              | 99.7         | 99.7                 | 99.8         | 99.8                 | 99.8         | 99.3         | 99.8         |
| 2 200                      |      | 94.4         | 96.                  | 97.2                 | 98.8                 | 98.9 | 99.4         | 99.7                 | 99.8         | 99.9         | 99.9                 | 99.9         | 100.0                | 100.0        | 100.7        | 166.9        |
| ≥ 0                        |      | 94.4         | 96.                  | 97.2                 |                      |      |              | 99.7                 | 99.8         | 99.9         |                      |              |                      |              | 193.9        |              |

EL : AL CLIMATOLOGY BRANCH CATLITAC AT - REATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

LAJES AB AZ

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MONTH 

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.Y.)

| CER NO               |     |              |              |              |              |              | vis  | BLTY ST      | ATUTE MIL | ES.  |              |              |              |              |              |      |
|----------------------|-----|--------------|--------------|--------------|--------------|--------------|------|--------------|-----------|------|--------------|--------------|--------------|--------------|--------------|------|
| (FEE')               | ≥.0 | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2%          | ≥ 2  | ≥ ⋅ %        | ≥1%       | ۱ ۲  | ≥ 4          | ≥ %          | ≥ ∨.         | ≥5/16        | ≥ 4          | ≥c   |
| NO 1EIUNG<br>≥ 20000 |     | 37.5<br>41.2 | 37.5<br>41.2 |              | 1            | 37.5         |      |              |           |      | 37.5<br>41.2 | 37.5<br>41.2 |              | 37.5<br>41.2 |              |      |
| ≥ 18000<br>≥ 16000   |     | 41.2         | 41.2         | 41.2         |              | 41.2         | 41.2 |              | 41.2      | 41.2 | 41.2         | 41.2         | 41.2         | 41.2         | 41.2         | 41.2 |
| ≥ '4000<br>≥ '2000   |     | 41.4         | 41.4         | 41.4         |              | 41.4         | 41.4 |              | 41.4      | 41.4 | 41.4         | 41.4         | 41.4         | 41.4         |              | 41.5 |
| 2 1000€<br>2 900€    |     | 42.7<br>42.8 | 42.7         | 42.7         |              | 42.7         | 42.7 | 42.7         | 42.7      | 42.7 | 42.7         | 42.7         | 42.7         | 42.7         | 42.7         | 42.7 |
| ≥ 8000<br>≥ 7000     |     | 46.1         | 46.1         | 46.1         | 46.1         | 46.1         | 46.1 |              | 46.1      | 46.1 |              | 46.1         | 46.1         | 46.2         | 46.1         | 46.1 |
| ≥ 6000<br>≥ 5000     |     | 46.2         | 46.2         | 46.2         | 46.2         | 46.2         | 46.2 | 46.2         | 46.2      | 46.2 | ,            | 46.2         | 46.2         | 46.2         | 46.2         | 45.2 |
| ≥ 4500<br>± 4000     |     | 45.2         | 46.2<br>57.6 | 46.2         |              | 46.2         | 46.2 | 46.2         | 46.2      | 46.2 | 46.2         | 46.2         | 46.2         | 46.2         | 46.2         | 46.2 |
| ≥ 3500<br>≥ 3000     |     | 82.3         | 82.6         | 83.0         |              | 83.0         | 83.0 | 83.0<br>90.2 | 83.7      | 83.0 | 83.0         | 83.0         | 87.0<br>90.2 | 93.0         |              | 93.0 |
| ≥ 2500<br>≥ 2000     |     | 89.9         |              |              | 90.9         | 90.9         | 90.9 | 90.9         | 90.9      | 90.9 | 97.9         | 90.9         | 90.9         |              |              | 90.9 |
| ≥ 1800<br>≥ 1500     |     | 93.6<br>93.8 |              |              | 91.6<br>95.0 | ,            |      | 91.6<br>95.2 |           |      |              |              |              |              |              |      |
| ≥ 1200<br>≥ 1000     |     | 95.0<br>95.5 | 95.6<br>96.0 |              | 96.4<br>97.0 |              |      | 96.8<br>97.6 |           |      |              |              |              |              |              |      |
| ≥ 900<br>≥ 800       |     | 95.5<br>95.7 | 96.3         |              | 97.5<br>97.3 | 97.1         |      | 97.6<br>98.1 |           | - 1  | · ·          |              |              | 1            |              |      |
| ≥ 700<br>≥ 600       |     | 96.0<br>96.2 | 96.6         |              | 97.6<br>97.8 |              |      | 98.4<br>98.8 |           |      |              |              |              |              | 98.7<br>99.1 |      |
| ≥ 500<br>≥ 400       |     | 96.3         | 97.0         |              |              | 98.2<br>98.2 | -    | 99.0<br>99.0 |           |      |              |              | - 1          | - 1          | 99.4         |      |
| ≥ 300<br>≥ 200       |     | 96.3         | 97.0<br>97.0 |              | 98.1<br>98.1 | 98.3<br>98.3 |      | 99.4         |           |      |              |              |              |              |              |      |
| ≥ 100<br>≥ 0         |     | 76.3<br>96.3 | 97.          | 97.6<br>97.6 | 98.1<br>98.1 |              |      | 99.5<br>99.5 |           |      |              |              |              |              |              |      |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

525

BURNE CLIMATOLOGY BRANCH UT AFETAC ATH MEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2.1 LAJES AS AZ

71-80

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16<u>2-2502</u> HOURS (L.S.T.)

| CER NO               |      |         |       |      |             |      | viS          | B . TY ST | ATUTE MIL | ES           |              |              |      |              | -     |               |
|----------------------|------|---------|-------|------|-------------|------|--------------|-----------|-----------|--------------|--------------|--------------|------|--------------|-------|---------------|
| 1756"1               | ≥ .0 | ≥ 6     | ≥ 5   | ≥ 4  | ≥ 3         | ≥2%  | ≥?           | ≥ . %     | ≥1%       | ≥1           | ≥ %          | ≥ %          | ≥ 4. | ≥ 5/16       | ≥ %   | ≥¢            |
| NO CEIUNG<br>≥ 20000 |      | 36.1    |       | 36.2 | 36 • 3      | 36.3 |              | 36.3      |           |              | 36.3         |              | 36.3 | 36.3         | 36.3  |               |
| ≥ 18000              |      | 40.2    | 40.2  | 47.3 | <u>40.4</u> |      | 40.4         |           |           |              | 40.4         |              | 40.4 | 40.4         | 40.4  |               |
| ≥ 6000               |      | 40.2    | 1 - 7 |      | 4.3.4       |      |              |           |           |              | 40.4         |              |      |              |       |               |
| ≥ '4000              |      | 47.4    |       |      |             |      |              |           |           |              | 40.6         |              |      |              |       |               |
| ≥ 3000               |      | 40.4    | 40.4  |      |             |      |              |           |           |              |              |              |      |              |       |               |
| 2000: ≤              |      | 41.5    | 41.5  | 41.6 | 41.7        | 41.7 | 41.7         | 41.7      | 41.7      | 41.7         | 41.7         | 41.7         | 41.7 | 41.7         | 41.7  | 41.7          |
| > 9000               |      | 41.6    | 41.6  | 41.7 | 41.8        | 41.8 | 41.8         | 41.3      | 41.8      | 41.8         | 41.8         | 41.8         | 41.8 | 41.0         | 41.5  | 41.5          |
| ≥ 800C               |      | 44.5    | 44.6  | 44.7 | 44.8        | 44.8 | 44.8         | 44.8      |           | 44.8         | 44.5         |              |      |              | 44.8  | 44.5          |
| ≥ 7000               |      | 44.9    | 44.8  |      |             |      |              |           |           | 45.0         | 45.0         |              |      |              | 45.   | 45.           |
| ≥ 6000<br>≥ 5000     |      | 44.A    | 44.8  | 44.9 |             |      |              | _         | 45.0      | 45.0         | 45.0         |              | 45.0 | 45.0         | 45.0  |               |
| > 4500               |      | 44.0    |       |      |             |      |              | 45.0      |           | 45.J         | 45.0         | 45.0<br>45.1 | 45.7 | 45.0         | 45.0  | 45.0          |
| ± 4000<br>± 4000     |      | 57.3    | 57.3  | 45.0 |             |      | 45.1<br>57.6 |           |           | 45.1<br>57.6 | 45.1<br>57.6 |              |      | 45.1<br>57.6 |       | 45.1<br>57.6  |
| ≥ 3500               |      | p 3 . 5 | 63.6  |      |             |      |              |           |           |              |              |              |      |              |       |               |
| ≥ 3900               |      | 9 7 8   |       | 90.4 | 90.7        |      |              |           |           | , ,          |              |              |      |              |       | 90.0          |
| ≥ 2500               |      | 90.5    | 90.7  | 91.0 | 91.4        |      |              | 91.5      |           |              | 91.5         | 91.5         | 91.5 |              |       | 21.5          |
| 2 2000               |      | 91.0    | 91.4  | 91.7 | 92.0        | 92.0 | 92.0         | 92.1      | 92.1      | 92.1         | 92.1         | 92.1         | 92.1 | 92.1         | 92.1  | 92.1          |
| ≥ 800                |      | 91.5    | 91.4  | 91.7 | 92.1        | 92.1 | 92.1         | 92.2      | 92.2      | 92.2         | 92.2         | 92.2         | 92.2 | 92.2         | 72.2  | 92.2          |
| ≥ 1500               |      | 94.0    | 94.5  |      |             |      |              |           |           |              |              |              |      |              |       | 95.5          |
| ≥ 1200               |      | 74.3    | 94.8  | 95.5 |             | 96.4 | 96.4         |           | 1         |              | 1            |              |      |              |       | 76.5          |
| I                    |      | 94.9    |       |      |             |      |              |           |           |              | 97.5         |              |      |              |       |               |
| ≥ 900<br>≥ 800       |      | 94.9    |       | 96.2 |             |      |              | 97.5      |           |              |              |              |      |              |       |               |
| <del></del>          |      | 95.4    | 95.8  | 96.7 | 97.5        | 97.7 | 97.9         |           | 98.1      | 98.1         | 98.6         |              | 98.6 | 98.1         |       | 98.1<br>98.5  |
| ≥ 700<br>≥ 600       |      | 95.5    |       | 27.0 |             |      | 98.8         |           |           |              |              |              |      |              |       |               |
| ≥ 500                |      | 95.7    | 96.3  | 97.2 |             | 98.3 | 99.1         | 99.5      |           |              |              |              | _    |              |       |               |
| 2 400                |      | 95.1    | 96.4  |      | 98.2        |      | 99.2         |           |           |              |              | 99.8         |      | 99.8         |       |               |
| ≥ 300                |      | 05.1    | 96.4  | 97.3 | 98.2        |      | 99.2         | 99.6      |           |              |              |              |      |              |       | $\overline{}$ |
| ≥ 200                |      | 95.1    | 96.4  | 97.3 | 98.2        |      | 99.2         | 99.6      |           | -            | 99.9         | -            | 99.9 | 99.9         | 99.9  | 99.9          |
| > 100                |      | 95.1    | 96.4  | 97.3 | 98.2        | 98.4 | 99.2         | 99.6      | 99.7      | 99.9         | 99.9         | 99.9         | 99.9 | 99.9         | 99.9  | 99.9          |
| 2 0                  |      | 95.1    | 96.4  | 97.1 | 98.2        | 98.4 | 99.2         | 99.6      | 99.7      | 99.9         | 99.9         | 99.9         | 99.9 | 100.0        | 100.0 | 100.0         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

THE DAL CLIMATOLOGY PRANCH CONFETAC AT FEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17211 LAUES AF AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.4<u>33−0501</u>

| CEILNO        |      |      |       |      |      |      | v1\$  | .B . * y ST | ATUTE MIL | <b>E</b> 5 |        |      |         |        |      |         |
|---------------|------|------|-------|------|------|------|-------|-------------|-----------|------------|--------|------|---------|--------|------|---------|
| (FEE*)        | ≥ .0 | ≥ 6  | ≥ 5   | ≥ 4  | ≥ 3  | ≥2%  | ≥ 2   | ≥ ⋅%        | ≥1%       | ≥ '        | ≥ 4    | ≥ %  | ≥ י     | ≥ 5/16 | ≥ 4  | ≥0      |
| NO CEUNG      |      | 24.4 | 24.4  | 24.4 | 24.4 | 24.4 | 24.4  | 24.4        | 24.4      | 24.4       | 24.4   | 24.5 | 24.5    | 24.5   | 24.5 | 24.5    |
| ≥ 20000       |      | 34.3 | 34.8  | 34.8 | 34.8 | 34.8 | 34.8  | 34 - 8      | 34.4      | 34.8       | 34.8   | 34.9 | 34.9    | 34.7   | 34.7 | 34.5    |
| ≥ 18000       |      | 34.9 | 34.8  | 34.8 | 34.5 | 34.8 | 34.8  | 74.8        | 34.8      | 34.8       | 34.8   | 34.9 | 34.9    | 34.0   | 34.7 | 34.5    |
| ≥ 16000       |      | 34.8 | 34.8  | 34.8 | 34.8 | 34.8 | 34.8  | 34.8        | 34.P      | 34.8       | 34.0   | 34.9 | 34.9    | 34.9   | 34.0 | 34.9    |
| ≥ '4000       |      | 34.8 | 34.8  | 34.8 | 34.8 | 34.8 | 34.8  | 34.8        | 34 . P    | 34.8       | 34 . B | 34.9 | 34.9    | 34.0   | 34.9 | 34.4    |
| ₹ .500€       |      | 35.2 | _35.2 | 35.2 | 35.2 | 35.2 | 35.2  | 35.2        | 35.2      | 35.2       | 35.2   | 35.3 | 35 • 3  | 35.3   | 35.2 | 35.     |
| 2000€ ≤       |      | 35.3 | 36.3  | 36.3 | 36.3 | 36.3 | 36.3  | 36.3        | 36.3      | 36.3       | 36.3   | 36.5 | 36.5    | 36.5   | 36.5 | ₹5.     |
| ≥ 9000        |      | 36.3 | 36.3  | 36.3 | 36.3 | 36.3 | 36.3  | 36.3        | 36.3      | 36.3       | 36.3   | 36.5 | 36.5    | 36.5   | 36.5 | 36.     |
| ≥ 8000        |      | 40.0 | 43.0  | 40.0 | 40.1 | 40.1 | 40.1  | 40.1        | 40.1      | 40.1       | 40.1   | 40.2 | 40.2    | 40.2   | 47.  | ن.<br>ن |
| ≥ 7000        |      | 40.0 | 40.0  | 40.0 | 40.1 | 43.1 | 40.1  | 40.1        | 40.1      | 46.1       | 40.1   | 43.2 | 4:: • 2 | 40.2   | 40.2 | 40.     |
| ≥ 6000        |      | 40.0 | 40.0  | 40.0 | 4C.1 | 40.1 | 40.1  | 40.1        | 40.1      | 40.1       | 40.1   | 43.2 | 4^.2    | 40.2   | 40.2 | ٠٠٠.    |
| ≥ 5000        |      | 40.2 | 40.2  | 40.2 | 40.3 | 40.3 | _40.3 | 40.3        | 40.3      | 40.3       | 40.3   | 40.4 | 4:, 4   | 47.4   | 40.4 | 40.     |
| ≥ 4500        |      | 40.2 | 40.2  | 40.2 | 40.3 | 40.3 | 40.3  | 40.3        | 40.3      | 45.3       | 40.3   | 40.4 | 47.4    | 40.4   | 45.4 | 40.     |
| <b>₹ 4000</b> |      | 55,9 | 55.9  | 55.9 | 56.1 | 56.1 | 56.1  | 56.1        | 56.1      | 56.1       | 56.1   | 56.2 | 5 t • 2 | 56.7   | 56.2 | 56.     |
| ≥ 3500        |      | 92.9 | 82.9  | 83.0 | 83.8 | 63.8 | 83.8  | 83.8        | 83.8      | 83.9       | 83.8   | 83.9 | 83.9    | 23.9   | 83.9 | ۵3.     |
| ≥ 3000        |      | 88.6 | 88.7  | 88.8 | 89.7 | 39.8 | 89.8  | 89.8        | 89.8      | 89.8       | 89.8   | 89.9 | 89.9    | B9.9   | 39.5 | 89.     |
| ≥ 2500        |      | 39.0 | 89.1  | 89.2 | 90.1 | 90.2 | 90.2  | 90.2        | 90.2      | 90.2       | 90.7   | 90.3 | 90.3    | 90.3   | 90.3 | 96.     |
| ≥ 2000        |      | 89.9 | 90.1  | 90.2 | 91.1 | 91.2 | _91.2 | 91.2        | 91.2      | 91.2       | 91.2   | 91.3 | 91.3    | 91.3   | 21.3 | 91.     |
| ≥ 1800        |      | 90.2 | 90.4  | 90.5 | 91.4 | 91.5 | 91.5  | 91.5        | 91.5      | 91.5       | 91.5   | 91.6 | 91.6    | 91.5   |      |         |
| ≥ 1500        |      | 93.5 | 94.0  | 94.2 | 95.7 | 95.8 | 95.9  | 95.9        | 95.9      | 96.0       | 96.5   | 96.1 | 96.1    | 96.1   | 76.1 | 96.     |
| ≥ 1200        |      | 94.6 | 95.1  | 95.6 | 97.3 | 97.4 | 97.6  | 97.6        | 97.6      | 97.7       | 97.7   | 97.8 | 97.8    | 97.6   | 97.8 | 97.     |
| ≥ .000        |      | 75.2 | 95.6  | 96.1 | 98.2 | 98.3 | 98.5  | 98.5        | 98.5      | 98.6       | 98.6   | 98.7 | 98.7    | 98.7   | 98.7 | >8∙     |
| ≥ 900         |      | 95.3 | 95.7  | 96.2 | 98.3 | 98.4 | 98.6  | 98.6        | 98.6      | 98.7       | 98.7   | 98.8 | 96.8    | 98.8   | 98.8 | 98.     |
| ≥ 800         |      | 95.4 | 95.5  | 96.3 | 98.5 | 98.6 | 98.8  | 98.8        | 98.6      | 98.9       | 98.9   | 99.0 | 99.0    | 99.0   | 29.0 | 99.     |
| ≥ 700         |      | 95.4 | 95.5  | 96.5 | 98.6 | 98.7 | 99.1  | 99.0        | 99.0      | 99.1       | 99.1   | 99.2 | 59.2    | 99.2   | 99.2 | 99.     |
| ≥ 600         |      | 95.4 | 95.9  | 96.5 | 98.6 | 98.7 | 99.0  | 99.0        | 99.0      | 99.1       | 99.1   | 99.2 | 99.2    | 99.2   | 99.2 |         |
| ≥ 500         |      | 95.6 | 96.0  | 96.7 | 98.8 | 98.9 | 99.2  |             | 99.4      | 99.5       | 99.5   | 99.6 |         | 99.6   |      |         |
| ≥ 400         |      | 95.6 |       | 96.7 | 98.8 |      | 99.2  | _           | 99.4      |            |        | 99.8 |         |        | 1    |         |
| ≥ 300         |      | 95.6 | 96.0  | 96.7 | 98.8 | 98.9 | 99.2  |             | 99.4      | 99.6       | 99.7   | 99.8 |         | 99.5   | 79.8 | 99.     |
| ≥ 200         |      | 95.6 |       | 96.7 | 98.8 |      | 99.2  | 1           | 99.4      |            | - 1    | 99.8 |         | 99.8   |      |         |
| ≥ '00         |      | 25.6 |       | 96.7 | 98.8 | 98.9 | 99.2  |             | 99.4      |            |        | 99.8 |         | 99.6   | 99.8 |         |
| 2 0           |      | 95.6 | 1     | 96.7 | 98.8 | 98.9 | 99.2  | 1           | 99.4      | 99.6       |        |      |         |        |      |         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

CLUCAL CLIMATOLOGY BRANCH CLAFETAC AT LEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

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71-80

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

207-1170 HOURS (LIST.)

| TELNO                        |      |              |              |              |              | _                            | v15          | B ( "Y - \$T. | ATUTE MIL    | E\$          |              |              |              |              |                |                  |
|------------------------------|------|--------------|--------------|--------------|--------------|------------------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|------------------|
| (+£E*)                       | ≥ .c | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥3%                          | ≥ 2          | ≥ . У:        | ≥1%          | <u>≥</u> 1   | ≥ 4          | ≥%           | <b>≥</b> ∨.  | ≥5/16        | <u> </u>       | ≥c               |
| NO CEUNG<br>≥ 20000          |      | 27.2<br>36.3 | 27.2<br>36.8 | 27.2         | 27.2<br>36.8 | _                            |              | 27.2          |              | 27.2<br>36.8 | 27.2<br>36.6 | 27.2<br>36.6 | 27.2<br>36.8 | 27.2<br>36.8 | 27.2           | 27.0             |
| ≥ 18000<br>≥ 5000            |      | 36.3         | 36.8<br>36.9 | 36 . 8       | 36.8         |                              | 36.8<br>36.8 | 36.8<br>36.8  | 36.4         | 36.8<br>36.8 | 36.P         | 36.8         | 36.8         | 36 . F       | 36.8<br>36.9   | 76.8<br>36.8     |
| ≥ 14000<br>≥ 12000           |      | 36.9<br>37.4 | 36.9<br>37.4 | 36.9<br>37.4 | 36.9<br>37.4 | 36.9<br>37.4                 | 36.7<br>37.4 | 36.9<br>37.4  |              | 36.9<br>37.4 | 36.9         | 36.9         | 31.9         | 36.9         | 34.9<br>37.4   | 36 • 9<br>37 • 4 |
| 5 8000<br>5 .0000<br>5 .0000 |      | 31.9         | 1 }          | 38.9<br>39.4 | 3°.9         |                              | 38.9<br>39.4 | 38.9<br>39.4  |              | 38.9<br>39.4 | _            | 33.9<br>39.4 | 35.9<br>39.4 |              |                | 3d.9<br>79.4     |
| ≥ 800C<br>≥ 700C             |      | 43.9         | 43.9         | 43.9<br>43.9 | 43.9<br>43.9 |                              |              | 43.9<br>43.9  |              | 43.9<br>43.9 | _            | 43.9         | 43.9         |              | 43.9<br>43.9   | 43.0<br>43.0     |
| ≥ 6000<br>≥ 5000             |      | 43.9         | 43.4<br>44.0 | 43.9<br>44.0 | 43.9<br>44.0 | 7 7 8 7                      | 43.9<br>44.0 | 43.9          | 43.9         | 43.9<br>44.0 | 43.9<br>44.3 | 43.0         | 43.9<br>44.0 | 43.9<br>44.  | 43.9<br>44.0   | 43.5             |
| ≥ 4500<br>2 4000             |      | 44.1<br>60.3 | 44.1<br>60.3 | 44.1<br>60.3 | 44.1<br>60.3 | 44.1<br>60.3                 | 44.1<br>50.3 | 44.1<br>60.3  | 4 C • 3      | 44.1<br>60.3 | 44.1<br>60.3 | 44.1<br>65.3 | 44.1<br>60.3 | 44.1<br>60.3 | 44.1<br>50.3   | 44.1             |
| ≥ 350°<br>≥ 3000             | -    | 85.2<br>91.3 | 85.2<br>91.3 | 85.3<br>91.4 | 85.3<br>91.4 | 85.3<br>91.4                 | 85.3<br>91.4 | 85.3<br>91.4  | 85.3<br>91.4 | 85.3<br>91.4 | 85.3<br>91.4 | 85.3<br>91.4 | 85.3<br>91.4 |              | 65.3<br>91.4   | 95.3             |
| ≥ 2500<br>≥ 2000             |      | 91.7<br>92.2 | 91.7<br>92.2 | 91.8         | 91.9<br>92.4 |                              | 91.9         | 91.9          | 91.9<br>92.4 | 91.9<br>92.4 | 91.9<br>92.4 | 91.9<br>92.4 | 91.9<br>92.4 | 91.9         | 11.7<br>12.4   | 91.9<br>92.4     |
| ≥ 1800<br>≥ 1500             |      | 73.0<br>95.6 | 93.0<br>95.8 | 93.1<br>96.0 | 93.2         | 93•2<br>96•8                 | 93.Z<br>97.0 | 93.2<br>97.1  | 93.2<br>97.1 | 93.2         | 93.2<br>97.1 | 93.2<br>97.1 | 97.2         | 93.2<br>97.1 | 93.2<br>97.1   | 73.2<br>97.1     |
| ≥ 1200<br>≥ 1000             |      | 96.9<br>96.9 | 96.7<br>97.2 | 97.1<br>97.6 | 97.8<br>98.4 | 98.0<br>98.5                 | 98.Z<br>98.7 | 98•4<br>98•9  |              | 98.4<br>98.9 | 98.4<br>98.9 | 95.4<br>98.9 | 98.4<br>98.9 | 93.4<br>98.9 | 98.4<br>98.9   | 98.4<br>96.9     |
| ≥ 900<br>≥ 800               |      | 97.1<br>97.1 | 97.4         | 97.8         | 98.7         | 98 <b>.8</b><br>98 <b>.8</b> | 99.1         | 99.4          |              |              | 99.4         |              |              | 99.5         | 99.5           | 99.4             |
| ≥ 700<br>≥ 600               |      | 97•1         | 97.4         | 97.8<br>98.0 | 98.7<br>98.6 |                              | 99.5         | 99.5          | 99.7         | 99.8         | 99.5<br>99.8 | 99.8         | 99.5<br>99.8 |              | 99.8           | 99.5             |
| ≥ 500<br>≥ 400               |      | 97.2         | 97.5<br>97.5 | 98.0         |              |                              | 99.6         | 99.8          | 99.8<br>99.8 |              |              |              | 99.9         |              | 99.9           |                  |
| 2 300<br>2 200               |      | 97.2<br>97.2 | 97.5         | 98.0<br>98.0 | 96.8         | 98.9                         | 99.6         | 99.8          | 99.9         | 100.0        | 100.0        | 100.0        | 105.0        | 130.3        | 150.0<br>130.0 | 150.5            |
| ^ 100<br>^ ≥                 |      | 97.2<br>97.2 | 97.5         | 98.0         | 98.6<br>98.6 | -                            | 99.6         | 99.8          | * ' * '      |              |              |              |              |              | 100.0<br>100.0 | 1                |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_

UC MELTAC AL MEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

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71-87

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1250-1405 HOURS (L.S.T.)

| 7ELNG            |       |       |      |                              |      |      | ¥15          | 8.** 51      | ATUTE MILI  | E 5  |             |      |              |        | -      |        |
|------------------|-------|-------|------|------------------------------|------|------|--------------|--------------|-------------|------|-------------|------|--------------|--------|--------|--------|
| ree"             | ≥ : 0 | ≥ 6   | ≥5   | ≥ 4                          | ≥ 3  | 53%  | ≥;           | ≥ 7          | ≥1%         | ≥'   | ≥ 4         | ≥%   | ≥ ∨          | ≥ 5/16 | 2 4    | ≥č     |
| NO CEILING       |       | 27.6  | 27.6 | 27.6                         | 27.6 | 27.6 | 27.5         | 27.6         | 27.6        | 27.6 | 27.6        | 27.6 | 27.6         | 27.0   | 77.6   | 27.6   |
| ≥ 20000          |       | 37.8  | 37.8 | 37.8                         | 37.8 | 37.8 | 37.8         | 77.8         | 37.8        | 37.8 | 37,9        | 37.8 | 37.8         | 27.8   | 37.9   | 37.8   |
| ≥ 18500          |       | 37.8  | 37.8 | 37.8                         | 37.8 | 37.8 | 37.8         |              |             | 37.8 | 37.6        | 37.8 | 37.8         | 37.6   |        | 27.5   |
| ≥ 16000          |       | 37.8  |      |                              | 37.8 |      |              | 37.8         |             | 37.8 | 37.         |      |              |        |        | 77.8   |
| ≥ 14000          |       | 37.8  |      | 37.8                         | 37.8 | 37.8 |              | 37.8         |             | 37.8 | 37.8        | 37.8 | 37.0         | 37.8   | 37 · A | 37.5   |
| ≥ 2000           |       | 34.8  |      | 38.8                         | 39.8 |      |              | 36.8         |             |      | 38.8        |      | 38.8         | 38.€   | 38.0   |        |
| ≥ 10000          |       | 37.7  |      | 39.7                         |      |      | 39.7         | 39.7         |             | 39.7 | 39.7        | 39.7 | 39.7         | 39.7   | 39.7   | 39.7   |
|                  |       | 40.3  | 40.3 | 40.3                         | 43.3 |      |              | 40.3         |             |      | 45.3        | 40.3 | 47.3         |        | 40.2   | 40.3   |
| ≥ 8000<br>≥ 7000 |       | 44.3  | 44.3 | 44.3                         | 44.3 |      |              | 44.3         |             | 44.3 | 44.3        |      | 44.3         | 44.3   | 44.7   | 44.3   |
|                  |       | 44.4  | 44.4 | 44.4                         | 44.4 |      | 44.4         | 44.4         |             |      | 44.4        | 44.4 | 44.4         | 44.4   | 44.4   | 44.4   |
| ≥ 6000<br>≥ 5000 |       | 44.4  | 44.4 | 44.4                         | 44.4 | - 1  |              | 44.4         | -           | - 1  | 48.4        | 44.4 | 44.4         | 44.4   | 44.4   | 44.4   |
|                  |       | 44.7  | 44.7 | 44.7                         | 44.7 |      |              | 44.7         |             | 44.7 | 44.7        | 44.7 | 44.7         | 44.7   | 44.7   | 44.7   |
| ≥ 4500<br>≥ 4000 |       | 45.3  | 45.3 | 45.3                         | 45.3 | 45.3 |              | 45.3         |             | 45.3 | 45.3        | 1    | 45.3         | 45.3   | 45.7   | 45.3   |
|                  |       | 51.2  | 61.2 | 61.2                         |      |      |              | 61.3         |             |      | 61.3        | 61.3 |              | 61.3   | 51.7   | 61.3   |
| ≥ 3500<br>≥ 3000 |       | R6.7  | 86.8 | · · · · I                    | 86.9 | 87.0 |              | 87.1         |             | 87.1 | 87.1        | 87.1 | 67.1         | 97.1   | ê7•1   | 27.2   |
| ≥ 2500           |       | 0 . 2 | 92.q |                              |      |      |              |              | <del></del> |      | 92.4        |      | 92.4<br>92.7 | 92.4   | 92.4   | 02.0   |
| 2 2000           |       | ≎2.5  |      | 92 <b>.5</b><br>92 <b>.8</b> |      |      | 92.7<br>93.0 | 92.7<br>93.0 |             |      | 1           |      | -            |        | 93.0   | 93.1   |
| ≥ '800           |       | 02.7  | 92.9 | 93.0                         |      | 93.1 |              | 93.2         |             | 93.2 | 93.2        | 93.2 |              | 93.2   | 63.2   | 93.3   |
| ≥ 1500           |       | 96.0  | 96.3 | 96.5                         |      |      | 96.8         |              | 96.8        |      |             |      | 96.8         |        |        |        |
| ≥ 1200           |       | 97.6  |      | 98.1                         | 93.3 | 98.5 |              | 98.7         |             |      |             |      |              | 98.8   |        | 90.9   |
| ≥ 000            |       | 97.6  |      | 98.1                         | 98.4 |      | 98.7         |              |             |      | 1           | -    | 98.9         |        |        |        |
| ≥ 900            |       | 97.6  |      | 98.1                         | 98.4 | 98.6 |              | 98.8         |             |      | 98.9        |      |              | 98.9   |        |        |
| ≥ 800            |       | 97.6  |      |                              | 98.5 |      | 99.0         | 1            |             |      |             |      |              |        | -      |        |
| ≥ 700            |       | 97.6  |      | 98.1                         | 98.7 |      |              | 99.4         |             |      | 99.5        |      |              |        | 99.5   | 29.5   |
| ≥ 600            |       | 97.7  | 98.1 | 98.2                         | 1    |      |              | 99.7         | - 1         |      |             |      | 99.8         |        |        |        |
| ≥ 500            |       | 27.7  | 98.1 | 98.2                         |      |      |              | 99.7         | 99.7        |      | <del></del> |      |              | 99.8   |        |        |
| ≥ 400            |       | 97.7  | 98.1 | 98.2                         |      |      |              | 99.8         |             |      | 1           | 99.9 |              | 99.9   | 99.9   | 173.0  |
| ≥ 300            |       | 07.7  | 98.1 | 98.2                         | 98.9 | 99.2 | 99.7         | 99.8         | 99.8        | 99.9 | 99.9        | 99.9 | 99.9         | 9.9    | 99.9   | 1 30.7 |
| ≥ 200            |       | 97.7  | 98.1 | 98.2                         |      |      |              | 99.8         |             | 99.9 | 99.9        | 99.9 | 99.9         | 99.9   | 99.9   | 100.0  |
| > 100            |       | 97.7  | 99.1 | 98.2                         | 99.9 | 99.2 |              | 99.8         | 99.8        |      | 99.9        | 99.9 | 99.9         |        | 99.9   |        |
| ≥ 0              |       | 97.7  | 98.1 | 98.2                         | 98.9 | 99.2 | 99.7         | 99.8         | 99.8        | 99.9 | 99.9        | 99.9 | 99.9         | 99.9   | 99.0   | 100.0  |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

SE SEAL CLIMATOLOGY BRANCH STAFETAC HIS WEATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

YEARS

1 2 1 LAUFS AR AZ

MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 7-17

| TEL NO              |      |         |       |      |      |       | V (\$ | ·B . ** 5* | ATUTE MIL | ES.   |      |               |             |              |               |          |
|---------------------|------|---------|-------|------|------|-------|-------|------------|-----------|-------|------|---------------|-------------|--------------|---------------|----------|
| /*EET)              | ≥ .0 | ≥ 6     | ≥ 5   | ≥ 4  | ≥ 3  | ≥2%   | ≥ ?   | ≥ ½        | ≥1%       | ≥'    | ≥ 4  | ≥%            | 2 7         | ≥5/16        | <u>&gt;</u> 4 | ≥٤       |
| NO 1EUNO<br>≥ 20000 |      | 31.7    | 31.7  | 31.7 | 31.7 |       |       |            |           |       |      |               |             |              | 1 1           | _        |
| ≥ 18000             |      | 41.0    |       |      |      |       |       |            |           |       |      | ****          |             |              | 41.5          |          |
| ≥ 5.00              |      | 41.6    | ן ייי |      |      |       |       |            |           |       |      | 1             |             |              |               | 41.6     |
| > '4000             |      | 41.6    |       | 41.6 |      | 41.6  |       |            |           |       |      |               |             |              |               | 4100     |
| ≥ 2000              |      | 41.6    | ] ]   |      |      |       |       |            |           |       | - 1  | 1             | 41.6        |              |               | 41.5     |
| 3000' 5             |      | 42.4    |       |      |      | 42.4  |       |            |           |       |      |               |             |              |               | <u> </u> |
| ≥ 9000              |      | 43.9    | 1 - 1 | 43.4 |      |       |       |            |           |       |      |               | 43.9        |              |               | 43.2     |
| L                   |      | 44.5    |       |      |      | 44.5  |       | 44.5       |           |       |      |               |             |              | 44.5          | -44.5    |
| ≥ 8000<br>≥ 7000    |      |         |       |      | 49.0 | 7     |       |            |           | 49.3  |      | * 7           |             | 47.          | 45.0          | 400      |
| ≥ 6000              |      | 4 č • 9 |       |      |      |       |       |            |           | 49.0  | 40.0 |               | _           | 49.          |               | 49.      |
| 2 5000              |      | 48.9    |       | 1    |      |       |       |            |           | 45.0  |      |               | 40.0        | 49.          | 49.1          | 49.      |
| ≥ 4500              |      | 48.9    |       |      |      | 49.0  |       |            |           |       | 49.  |               | 49.7        | 49.          | 49.0          | 47.      |
| 2 4000              |      | 49.4    |       | - 1  |      | • • • |       |            |           |       |      |               | 40.5        |              | 40.5          | 46.5     |
| ≥ 350C              |      | 65.9    |       |      |      |       |       |            | 66.1      |       | 66.1 | 65.1          | <u>55.1</u> | 66.1         | <u> </u>      |          |
| ≥ 3000              |      | ?⊹.2    |       | 20.4 |      |       |       |            |           |       |      | 90.6          | 9.00        | 93.9         | l 1           | 2204     |
| 2500                |      |         |       |      |      | 93.9  |       |            | 93.9      |       |      |               |             |              |               | 33.0     |
| 2 2000              |      | 04.5    | 94.1  | 94.1 | 94.4 | 94.4  | 94.3  | 94.3       | 94.3      | 94.3  |      |               |             | 94.3         | 74.7          | 44.7     |
| > 800               |      | 04.3    | 94.5  | 94.5 | 94.7 | 94.7  | 94.4  | 94.4       | 94.4      | 04.7  | 94.4 |               |             | 54.4<br>94.7 | 74.4<br>74.7  | 74.7     |
| 2 1500              |      | 26.9    |       |      | 97.5 |       |       |            |           | - 1   |      | -             |             |              |               | 97.5     |
| ≥ 1200              |      | 98.3    | 92.6  |      |      |       |       |            |           |       | 99.7 |               | 99.7        | 79.7         | 97.5          | 00       |
| ≥ 7000              |      | 78.3    | 93.6  |      |      |       |       |            |           |       | -    |               | - 1         | 99.7         | 49            | C Q      |
| > 90€               |      | 0 p     | 98.6  |      |      |       | 99.6  |            |           |       |      | $\overline{}$ | 99.7        | 99.7         | 30.7          | 24.7     |
| ≥ 900<br>≥ 800      |      | 98.4    |       | 98.7 | 99.6 |       |       |            | 99.7      |       |      |               | -           | • .          |               | 93.      |
| > 700               |      | 98.4    |       | 98.7 | 99.6 |       |       | 99.7       | 99.7      |       |      |               |             |              |               | 00.      |
| ≥ 700               |      | 98.4    | 1 4   | 28   | 99.6 |       |       | 99.7       | 99.7      | 1     | -    |               |             |              |               | 99.0     |
| 2 500               |      | 98.4    |       | 98.7 | 99.1 | 99.7  | 99.9  | 99.9       |           | 100.0 |      |               |             |              |               | ,        |
| ≥ 500<br>≥ 400      |      | 98.4    |       | 76.7 | 99.7 |       |       | 99.9       |           | 100.0 |      |               |             |              |               | 100      |
| 2 300               |      | 98.4    | _     | 98.7 | 99.7 | 99.7  | 99.9  | 99.9       |           | 100.0 |      |               |             |              | 3 2 7         | 175.7    |
| ≥ 200               |      | 98.4    |       | 98.7 | 99.7 |       | 99.9  |            | 99.9      | 1     |      |               |             | •            | 1 17 7        |          |
|                     |      | 98.4    | _     | 98.7 | 99.7 | 99.7  | 99.9  |            | 99.9      |       |      |               |             |              |               | 1000     |
| 2 00                |      | 99.4    | 1     | 98.7 | 99.7 | 99.7  |       |            | ,         |       | •    |               |             |              |               | 1000     |
|                     |      | ¥ 7 • 4 | 98.7  | 70 · | 77.1 | 47.1  | 99.9  | 44.4       | 99.9      | A LOU | 1000 | TODEA         | 1700        | 70007        | 100.0         |          |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

CL . AL CLIMATOLOGY GRANCH SECTAC AT . FATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

. . .

LEUES A AZ

7:-80

MAY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3-337

| CEL NO              |     |              |              |              |              |              | •15  | B . ** 5* | ATUTE MIL    | E S   |              |                  |              |               |               |                 |
|---------------------|-----|--------------|--------------|--------------|--------------|--------------|------|-----------|--------------|-------|--------------|------------------|--------------|---------------|---------------|-----------------|
| (PEET)              | ≥ : | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2%          | ≥;   | ≥ ½       | 21%          | 2'    | ٠. ٤         | ≥ %              | ≥ ⁄          | ≥5/16         | 2.4           | ≥.:             |
| NO CEUNO<br>≥ 20000 |     |              | 30.          | 30.0         | 30.0<br>41.2 | 30.0         | 30.0 | 70.0      |              |       |              | 36.0             | 3 • .        | 33.7          | 10.1          | 7 3.            |
| ≥ 18000             |     | -1.1<br>-1.1 |              | 41.1         | 41.2         | 41.2         | 41.2 | 41.2      | 41.2         |       | 41.2         | 41.2             | 41.2         | 41.2          | 41.2          | 41.2            |
| ≥ 5000              |     | -1.1         |              | ]            | 41.2         |              | 41.2 |           | 41.2         | 1     | 41.2         | 41.2             |              | 41.2          | 41.2          | 41.3            |
| ≥ '4000             |     | 41.4         | 41.4         | 41.4         | 41.5         | 41.5         | 41.5 | 41.5      | 41.5         | 41.5  | 41.E         | 41.5             | 41.5         | 41.5          | 41.5          | 41.5            |
| ≥ 2000              |     | 42.5         | 42.5         |              |              |              | 42.6 |           | 42.6         |       | 4:04         | 42.6             | 47.5         | 42.5          | 42.6          | -4 <u>a`a</u> t |
| 2 9000<br>2 9000    |     |              | _            | 44.4         |              | 44.5         | 44.5 | 44.5      |              |       | 44.5         | 44.5             | 44.5         | 44.5          | 44.5          | 44.5            |
| <b>├</b> ───        |     | 4            |              | 45.3         | 45.4         |              |      |           | 45.4         |       |              | 45.4             |              |               | 45.4          |                 |
| ≥ 8000<br>≥ 7000    |     | 52.3         |              | 52.3         |              | 52.4         |      |           |              |       |              | 52.4             | 52.4         |               |               | F 2 . 4         |
| - 6000<br>- 6000    |     | 2.3          | 52.3         | 52.3         | 52.4         |              |      |           |              |       |              | 52.4             |              | 52.4          | 52.4<br>57.4  | 52.4            |
| ≥ 5000              |     | 52 <b>.4</b> | 52.3<br>52.4 | 52.4<br>52.4 |              | 52.4<br>52.5 |      |           | 52.4<br>52.5 | 52.4  | 52.4<br>52.5 | 52.5             | 52.4<br>52.5 | 52.4          |               | 52.4<br>52.5    |
| ≥ 450C              |     | 52.7         | 52.7         |              |              | 52.8         | 52.8 |           |              |       | 57.5         | 52.5             |              |               | 52.3          | 12.5            |
| ± 4000              |     | ٠,5 ع        | 65.5         |              |              |              |      | 65.7      |              |       | 65.7         | 65.7             | 65.7         |               |               | 15.7            |
| ≥ 3 <b>50</b> 0     |     | 27.7         |              | 28.4         |              | 68.5         | 38.5 |           |              |       | 88.5         | 88.5             |              | 38.5          | 7 a . c       | # H . K         |
| ≥ 3000              |     | -3.1         |              | 94.0         | 94.3         | 94.3         | 94.3 | 94.3      |              |       | 74.3         | 94.3             | 94.3         | 64.3          | ,4.3          | 44.5            |
| ≥ 2500              |     | 93.3         | 93.7         | 94.1         | 94.4         | 94.4         | 74.4 | 94.4      | 94.4         | 74.4  | 94.4         | 4.4              | 94.4         | <b>ंध</b> • 4 | 34.4          | 04.4            |
| 2 2000              |     | 73.5         | 94.0         | 94.4         | 94.7         | 94.7         | 74.7 | 94.7      | 94.7         | 94.7  | 94.7         | 94.7             | 94.7         | 74.7          | 34.7          | 4.7             |
| ≥ 906               |     | 93.7         | 94.1         | 94.5         | 94.8         | 94.8         | 94.8 | 94.3      | 94.4         | 94.8  | 94.2         | 94.8             | 94.8         | 04            | 9 <b>4.</b> 9 | 94.             |
| ≥ 1500              |     | 25.3         | 95.7         |              |              |              |      |           |              |       | -            |                  |              |               |               | ੇ 6 • ∶         |
| ≥ 1200              |     | 76.2         | 96.7         | 1 1          |              |              | -    | 97.7      |              |       | 97.7         | 97.7             | 97.7         | 67.7          | 97.7          |                 |
| ļ <del></del>       |     | 76.5         |              |              |              |              |      | 98.0      | 98.7         | 98.0  |              | 95.0             | 93.0         | ¥3.0          | 54.7          | 53              |
| ≥ 900<br>≥ 800      |     | 97.1         |              | 1 1          | -            | 98.0<br>98.5 | 98.1 | 98.1      | 78.1         | 98.2  | 90.2         | 95 • 2<br>99 • 1 | 98.2         | 98.1          | ya.*          | 97              |
| 2 700               |     | 77.3         | 97.5         |              | 96.5         |              | 99.1 | 98.8      | 98.5         | 99.1  | 99.5         | 99.5             | 99.5         | 79.5          | 99.1<br>99.5  | 09.1            |
| ≥ 600               |     | 77.4         |              | 98.5         |              |              | 99.4 |           |              | 1     | 99.7         |                  | 99.7         | -             | 79.7          |                 |
| ≥ 500               |     | 27.5         |              |              | 99.2         |              | 99.6 |           |              |       |              | 99.9             | 99.9         | 59.9          |               | 59.9            |
| ≥ 400               |     | 77.5         |              | 3 I          | 99.2         |              | 99.6 |           |              | 99.9  |              |                  | - 1          | - 1           | -             |                 |
| ≥ 300               |     | 77.5         |              | 98.7         | 99.2         | 99.2         |      | 99.7      |              | 100.0 |              |                  |              |               | $\overline{}$ | 1 70.0          |
| ≥ 200               |     | 97.5         |              |              |              |              |      | - 1       | -            | 100.0 | - 1          |                  |              | _             |               |                 |
| > 100               |     | ≎7.5         | 95.2         | 98.7         | 99.2         | 99.2         | 99.7 | 99.7      | 99.7         | 100.0 | 100.0        | 100.0            | 160.0        | 10.0          | 1-30.2        | 170.3           |
| 2 0                 |     | 97.5         | 93.2         | 98.7         | 97.2         | 99.2         | 99.7 | 99.7      | 99.7         | 100.0 | 150.0        | 100.3            | 100.0        | 188.0         | 100.0         | 100 <u>.</u> 7  |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7.4.

CLAS AL CLIMATOLOGY REANCH LOWELTAG SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2 1 LAUFS AR AZ

MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 0-230-

| Œ (NO    |      |         |       |      |       | -    | . 5  | B . ** 5* | NTUTE MIL | E S     |      |        |       |         |                |         |
|----------|------|---------|-------|------|-------|------|------|-----------|-----------|---------|------|--------|-------|---------|----------------|---------|
| /FEE"1   | ≥ .¢ | ≥ 6     | ≥ 5   | ≥ 4  | 2: '  | ≥:•  | ٤.   | ≥ "       | ≥ ' %     | ≥ '     | ≥ 4  | ≥ %    | ≥ ⁄   | ≥ 5/16  | 2.             | ≥ċ      |
| NO CEUNO |      | 30.00   | 34.00 | 36.6 | 3 . 6 | 36.5 | 36.6 | 36.6      | 36.6      | 36.6    | 36.6 | 36.₺   | 36.6  | 36.6    | 36.6           | 76.5    |
| ≥ 20000  |      | ં ૫ 🙀   | 44.4  | 44.4 | 44.4  | 44.4 | 44.4 | 44.4      | 44.4      | 44.4    | 44.4 | 44.4   | 44.4  | 44.4    | 44.4           | 4404    |
| ≥ 18000  |      | 94.4    | 44.4  | 44.4 | 44.4  | 44.4 | 44.4 | 44.4      | 44.4      | 44.4    | 44.4 | 44.4   | 44.4  | 44.4    | 44.4           | 44.4    |
| ≥ 5100   |      | 44.4    | 44.4  | 44.4 | 44,4  | 44.4 | 44.4 | 44.4      | 44.4      | 44 4 44 | 44.4 | 44.4   | 44.4  | 44.4    | 44.4           | 44.4    |
| ≥ '4600  |      | -4.5    | 44.5  | 44.5 | 44.5  | 44.5 | 44.5 | 44.5      | 44.5      | 44.5    | 44.5 | 44.5   | 44.5  | 44.5    | 44.5           | 44.5    |
| ≥ 12000  |      | 44.5    | 44.5  | 44.5 | 44.5  | 44.5 | 44.5 | 44.5      | 44.5      | 44.5    | 44.5 | 44.5   | 44.5  | 44.5    | 44.5           | 44.     |
| ≥ 1900€  |      | 45.3    | 45.   | 45.3 | 45.3  | 45.3 | 45.3 | 45.3      | 45.3      | 45.3    | 45.3 | 45.3   | 45.3  | 45.3    | 45.3           | 45.     |
| ≥ 9000   |      | 4 5 . 3 | 45    | 45.3 | 45.3  | 45.3 | 45.3 | 45.3      | 45.3      | 45.3    | 45.3 | 45.3   | 45.3  | 45.5    | 45.7           | 45.7    |
| ≥ 800C   |      | 47.5    | 40.5  | 49.5 | 49.6  | 49.6 | 49.6 | 49.6      | 49 . f    | 47.6    | 49.6 | 49.6   | 49.6  | 49.6    | 40 . t.        | 47.4    |
| ≥ 7000   |      | 47.5    | 40.5  | 49,5 | 47.6  | 49.6 | 49.6 | 49.6      | 49.6      | 49.6    | 49.6 | 49.6   | 47.6  | 49.6    | 49.5           | 49.     |
| 0000 ج   |      | 47.5    | 47.5  | 49.5 | 47.8  | 49.6 | 47.6 | 49.6      | 47.6      | 49.6    | 40.6 | 49.6   | 47.6  | 49.5    | 49.6           | 45.6    |
| ≥ 5000   |      | 40.5    | 49.5  | 49.5 | 47.6  | 47.6 | 40.6 | 49.6      | 49.6      | 49.5    | 49.6 | 49.5   | 49.6  | 49.6    | 49.5           | 44.6    |
| ≥ 4500   |      | 47.5    | 40.5  | 49.5 | 49.6  | 49.5 | 49.6 | 49.6      | 49.6      | 49.6    | 49.6 | 45.6   | 44.6  | 49.6    | 49.4           | 49.6    |
| ± 4000   |      | 5 7     | 58.7  | 58.9 | 59.1  | 59.1 | 50.1 | 59.1      | 59.1      | 59.1    | 59.1 | 5 .1   | 50.1  | 59.1    | 39.1           | 5 4 . I |
| ≥ 350C   |      | 52.9    | 83.1  | 83.2 | 83.5  | 83.5 | 83.5 | 93.5      | 83.5      | 83.5    | 83.5 | 83.5   | 63.5  | : 3 . 5 | 3 <b>3 . °</b> | د و د ۳ |
| ≥ 3000   |      | - 0 - 6 | 83.8  | 89.  | 89.3  | 89.3 | 89.3 | 89.3      | 80.3      | 89.3    | 89.3 | 89.3   | 80.3  |         | 89.7           | 34.3    |
| ≥ 2500   |      | 87.5    | 89.2  | 89.4 | 87.8  | 89.8 | 89.8 | 99.5      | 89.9      | 89.6    | 09.9 | 89.8   | 8.98  | 59.0    | AO.8           | 59 a t  |
| ≥ 2000   |      | 87.5    | 89.8  | 90.0 | 90.3  | 93.3 | 90.3 | 90.3      | ⊋r.3      | 90.3    | 90.3 | 90.3   | 9".3  | 90.3    | 90.3           | 60.0    |
| ≥ '800   |      | 00.7    | 89.9  | 90.1 | 90.4  | 90.4 | 90.4 | 9C.4      | 95.4      |         | 96.4 | 97.4   | 93.4  | 90.4    | 97.4           | 0 - 4   |
| ≥ 1500   |      | 93.2    | 93.4  | 93.6 | 94.2  | 94.2 | 94.3 | 94.3      | 94.3      | 94.3    | 94.3 | 94.3   | 94.3  | 54.3    | 94.3           | 94.     |
| ≥ 1200   |      | 94.7    | 95.4  | 25.6 | 95.2  | 96.2 | 96.3 | 96.1      | 96.3      | 96.3    | 96.3 | 96.3   | 96.3  | 66.3    | 46.3           | G & 0   |
| ≥ .000   |      | 45.1    | 95.8  | 96.2 | 97.d  | 97.0 | 97.1 | 97.1      | 97.1      | 97.1    | 97.1 | 97.1   | 97.1  | ¢7.1    | 97.1           | \$7.1   |
| ≥ 900    |      | ₹5.3    | 95.9  |      | 97.2  |      |      | 97.4      | 97.4      | 97.4    | 97.4 | 97.4   | 97.4  | 97.4    | 77.4           | 97.     |
| 2 800    |      | 75.3    | 96.   | 96.4 | 97.6  |      |      | 1         | 98        |         | 94.0 | 98.0   |       | 98.0    | 98.0           | 48.     |
| ≥ 700    |      | 55.6    | 96.4  | 96.9 | 93.1  |      |      | 98.4      | 98.4      | 78.4    | 98.4 | 96.4   |       |         | 78.4           |         |
| ≥ 600    |      | 25.8    | 96.7  | 97.1 | 98.4  |      |      | 98.8      | 98.8      | 98.8    | 98.P | 98.5   | 96.9  | 98.9    | 98.9           |         |
| ≥ 500    |      | 95.9    | 96.9  | 97.3 | 98.1  | 98.7 | 99.1 | 99.1      | 99.1      |         | 99.1 | 99.1   | 99.4  |         | 99.4           | 39.4    |
| ≥ 400    |      | 96.0    |       | 7    | 93.8  | 98.8 | 1    |           | 99.2      |         | 99.2 | 99.2   | -     |         | 99.6           | 29.6    |
| ≥ 300    |      | 26.0    |       |      | 98.5  |      |      |           | 99.4      |         | 99.4 | 99.4   |       |         | 99.7           | 09.7    |
| ≥ 200    |      | 96.0    |       | 1    | 98.9  |      | 99.2 | - 1       | 99.6      |         | 99.6 | . •    | 99.9  |         | •              | 99.9    |
| > 100    |      | 96.0    | 97.1  |      | 98.9  |      | 99.2 |           |           | 99.7    |      |        | 100.0 |         |                |         |
| ž 0      |      | 96.1    | 97.   | 97.4 | - 1   |      |      |           |           |         |      | . • .  | 150.0 |         |                |         |
|          |      |         |       |      |       |      | 4    | , , , q   | , , • G   | 7,01    |      | .,,,,, |       |         |                |         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

SECTAL CLIMATOLOGY BRANCH SECTAD ATTOMATOLOGY SERVICE/MAC

## CEILING VERSUS VISIBILITY

1721 LAUES AS AZ

71-60

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| TE CNO       |      |       |      |      |      |      | +1S  | B . ** 5* | ATUTE MIL | £5      |               |      |      |       |       |      |
|--------------|------|-------|------|------|------|------|------|-----------|-----------|---------|---------------|------|------|-------|-------|------|
| ree's        | > .¢ | ≥6    | ≥5   | ≥ 4  | ≥ 3  | ≥2%  | ≥ 2  | ≥ . %     | ≥1%       | ≥ '     | 2 4           | ≥% ( | 2 // | ≥500  | ≥ 4   | ≥c   |
| NO CEUNG     |      | 71.4  | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4      | 31.4      | 31.4    |               | 31.4 | 31.4 | 31.4  | 31.4  | 31.4 |
| ≥ 2000C      |      | 39.7  | 30.7 | 39.7 | 39.8 | 39.8 | 39.8 | 79.8      | 39.8      | 39.8    | 30.€          | 39.€ | 39.8 | 39.5  | 19.8  | 79.  |
| ≥ 18000      |      | 3 1.7 | 39.7 | 39.7 | 37.8 | 39.8 | 39.8 | 39.8      | 39.8      | 39.5    | 39.∂          | 34.8 | 39.8 | 39.3  | 39.8  | 33.  |
| ≥ 60%        |      | 39.7  | 39.7 | 39.7 | 30.8 | 39.6 | 39.8 | 39.8      | 39.8      | 39.8    | 30.∂          | 39.5 | 30.8 |       | 30.8  | 79.  |
| ≥ '4000      |      | 39.9  | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9      | 39.9      | 39.9    | 39.0          | 3919 | 39.9 | 39.7  | 33.0  | 39.  |
| ≥ 12000      |      | 41.4  | 40.4 | 40.4 | 40.4 | 43.4 | 40.4 | 40.4      | 40.4      | 40.4    | 40.4          | 46.4 | 47.4 | 40.4  | 45.4  | 400  |
| ≥ .000c      |      | 41.6  | 41.5 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6      | 41.6      | 41.6    | 41.4          | 41.6 | 41.6 | 41.6  | 41.6  | 41.  |
| ≥ 900C       |      | 41.9  | 41.9 | 41.9 | 42.0 | 42.0 | 42.0 | 42.0      | 42.0      | 42.0    | 42.0          | 42.0 | 42.0 | 42.0  | 42.7  | 42.  |
| ≥ 800C       |      | 46.2  | 46.2 | 45.2 | 46.3 | 46.3 | 46.3 | 46.3      | 46.3      | 46.3    | 46.3          | 46.3 | 46.3 | 46.3  | 46.3  | 46.  |
| ≥ 7900       |      | 46.2  | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3      | 46.3      | 46.3    | 46.3          | 46.3 | 46.3 | 46.3  | 46.3  | 40.  |
| ≥ 6000       |      | 46.2  | 45.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3      | 46.3      | 46.3    | 46.3          | 46.3 | 46.3 | 46.3  | 46.3  | 45.  |
| ≥ 5000       |      | 46.3  | 46.3 | 46.3 | 46.4 | 46.4 | 46.4 | 46.4      | 46.4      | 40.4    | 46.4          | 46.4 | 46.4 | 46.4  | 46.4  | 46.  |
| ≥ 4500       |      | 45.5  | 46.5 | 46.5 | 46.6 | 46.6 | 46.6 | 46.6      | 46.6      | 46.6    | 46.5          | 46.6 | 46.5 | 46.5  | 46.6  | 46.  |
| ≥ 400C       |      | £0,3  | 60.3 | 60.4 | 6C.5 | 60.5 | 60.5 | 60.5      | 60.5      | 5 و ن 6 | 60.5          | 60.5 | 60.5 | 55.00 | 60.5  | 5 J. |
| ≥ 350C       |      | 95.2  | 85.3 | 85.5 | 85.7 | 85.7 | 85.7 | 85.8      | 85.6      | 85.8    | 85.0          | 85.8 | 55.4 | 85.8  | 45.8  | £5.  |
| ≥ 3000       |      | 90.7  | 91.0 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5      | 91.5      | 91.5    | 91.5          | 91.5 | 91.5 | 91.5  | ¥1.5  | 91.  |
| ≥ 2500       |      | 91.2  | 91.4 | 91.6 | 91.9 | 01.9 | 92.0 | 92.0      | 92.0      | 92.0    | 97.           | 92.5 | 92.3 | 02.7  | 97.0  | 02.  |
| 2000         |      | \$1.7 | 91.9 | 92.1 | 92.4 | 72.4 | 92.4 | 92.5      | 92.5      | 92.5    | 92.5          | 92.5 | 92.5 | 92.5  | 42.5  | 02.  |
| ≥ 1800       |      | 01.9  | 92.2 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7      | 92.7      | 92.7    | 92.7          | 92.7 | 92.7 | 92.7  | 92.7  | 02.  |
| ≥ 1500       |      | 94.9  | 95.1 | 95.4 | 95.9 | 96.0 | 96.1 | 96.1      | 96.1      | 96.1    | 96.1          | 96.1 | 96.1 | c6.1  | 46.1  | 96.  |
| ≥ 1200       |      | 25.9  | 96.3 | 96.7 | 97.4 | 97.5 | 97.7 | 97.7      | 97.7      | 97.8    | 97.8          | 97.8 | 97.5 | 97.3  | 97.F  | 97.  |
| ≥ .000       |      | 96.2  | 96.7 | 97.1 | 97.9 | 98.0 | 99.2 | 98.3      | 98.3      | 98.3    | 98.3          | 98.3 | 98.3 | 98.3  | 98.3  | 680  |
| <u>≥</u> 900 |      | 76.3  | 96.8 | 97.2 | 98.0 | 78.1 | 98.3 | 98.4      | 98.4      | 98.4    | 98.4          | 78.4 | 98.4 | 98.4  | 90.4  | 93.  |
| ≥ 800        |      | ಾ6.⊈  | 96.9 | 97.4 | 98.3 | 98.4 | 78.7 | 98.7      | 98.8      | 98.8    | 98.8          | 98.9 | 98.9 | 98.9  | 99.9  | 98.  |
| ≥ 700        |      | 96.6  | 97.1 | 97.6 | 98.5 | 98.6 | 98.9 | 99.0      | 99.0      | 99.1    | 99.1          | 99.1 | 99.1 | 99.1  | 99.1  | 29.  |
| ≥ 600        |      | 96.7  | 97.2 | 97.7 | 98.6 | 98.7 | 99.2 | 99.2      | 99.3      | 99.4    | 99.4          | 99.4 | 99.4 | 99.4  | 59.4  | 99.  |
| ≥ 500        |      | 76.8  | 97.1 | 97.8 | 98.8 | 98.9 | 99.4 | 99.5      | 99.5      | 99.6    | 99.6          | 99.7 | 99.7 | 99.7  | 99.7  | 99.  |
| ≥ 400        |      | 76.8  | 97.4 | 97.8 | 98.8 |      | 99.4 | 99.5      | 99.5      | 99.7    | 99.7          | 99.7 | 99.8 | 99.8  | 99.8  | 99.  |
| ≥ 306        |      | 76.8  |      |      | 98.8 |      |      |           |           |         | $\overline{}$ | 99.8 |      |       |       |      |
| 2 200        |      | 46.8  | 97.4 |      | 98.8 |      |      |           |           | 99.8    |               | - 1  | -    | 99.9  | 99.9  | 79.  |
| > 100        |      | 96.8  |      |      | 98.8 |      | 99.5 |           |           |         |               | 99.9 |      |       | 99.0  |      |
| ≥ 0          |      | 96.8  |      |      | 98.8 |      |      |           |           |         | - 1           |      |      |       | 100.3 |      |

TOTAL NUMBER OF OBSERVATIONS

CELHAL CLIMATOLOGY ROANCH FIGHETAC AI FRATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

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71-85

(FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE

| ^E . <b>~</b> ′, |     |               |      |        |      |      | v iS | B 5*  | ATUTE MIL | ES   |      |      |      |       |       |             |
|------------------|-----|---------------|------|--------|------|------|------|-------|-----------|------|------|------|------|-------|-------|-------------|
| (PEETN           | ≥ 1 | ≥ 6           | ≥ 5  | ≥ 4    | ≥ 3  | ≥:7  | 2.7  | ≥ - ½ | ≥′%       | ≥1   | ≥ %  | ≥ %  | ≥ 4. | ≥5/16 | ≥ %   | ≱ડ          |
| 47) TEUNIS       |     | 36.7          | 36.1 | 36.1   | 36.2 | 36.2 | 36.2 | 36.2  | 36.2      | 36.2 | 36.2 | 36.2 | 35.2 | 36.2  | 35.2  | 36.         |
| ≥ 2000C          |     | 34.4          |      | 34.5   | 37.6 | 39.6 | 39.6 | 39.6  | 39.6      | 39.6 | 39.6 | 39.6 | 39.6 | 39.6  | 39.6  | 39.         |
| ≥ 18000          |     | 7 7 . 4       | 30.5 | 39.5   | 39.6 | 39.6 | 39.6 | 39.5  | 39.6      | 39.6 | 39.6 | 39.6 | 39.6 | 79.6  | 39.6  | 39.         |
| डे ७५४           |     | 34.5          | 33.6 | 39.6   | 39.7 | 39.7 | 39.7 | 39.7  | 39.7      | 39.7 | 30.7 | 39.7 | 39.7 | 19.7  | 39.7  | 39.         |
| ≥ '4000          |     | 3 5           | 39.5 | 39.6   | 30.7 | 39.7 | 39.7 | 39.7  | 39.7      | 39.7 | 39.7 | 39.7 | 39.7 | 39.7  | 39.7  | 39.         |
| ≥ 20 <b>°</b> C  |     | 7,,           | 39.6 | 39.6   | 37.7 | 39.7 | 39.7 | 39.7  | 39.7      | 39.7 | 39.7 | 39.7 | 39.7 | 79.7  | 39.7  | 39.         |
| ± 10000          |     | 39.5          | 30.6 | 39.6   | 39.7 | 39.7 | 39.7 | 39.7  | 39.7      | 39.7 | 30.7 | 39.7 | 39.7 | 39.7  | 39.7  | <b>?9</b> . |
| 5 500C           |     | 30.5          | 30.6 | 3¢.6   | 39.7 | 39.7 | 39.7 | 39.7  | 39.7      | 39.7 | 39.7 | 39.7 | 39.7 |       |       | 34.         |
| ≥ 9000           |     | 40.7          | 47.4 | 40.4   | 40.9 | 40.9 | 40.9 | 40.9  | 47.9      | 40.9 | 40.0 | 40.7 | 40.9 | 40.9  | 4.].9 | 4 U .       |
| ≥ 7000           |     | 42.7          | 40.8 | 40.8   | 40.9 | 40.9 | 40.9 | 40.9  | 45.9      | 40.9 | 40.9 | 40.9 | 40.9 | 40.9  | 49.9  | 4 J ,       |
| ≥ 6000           |     | 40.7          | 40.9 | 40.8   | 40.9 | 40.9 | 40.9 | 40.9  | 4 F . 9   | 45.9 | 40.9 | 47.9 | 40.9 | 40.9  | 40.9  | 43.         |
| 2 5000           |     | 43.7          | 40.F | 40.0   | 40.9 | 43.9 | 40.9 | 40.9  | 40.9      | 46.9 | 46.9 | 40.9 | 40.9 | 43.9  | 40.9  | 47,         |
| ≥ 4500           |     | 41.4          | 41.5 | 41.5   | 41.6 | 41.6 | 41.6 | 41.6  | 41.6      | 41.6 | 41.6 | 41.5 | 41.5 | 41.5  | 41.5  | 41.         |
| 2 400C           |     | 5 8           | 52.1 | 52.1   | 52.2 | 52.2 | 52,2 | 52.2  | 52.2      | 52.2 | 52.2 | 52.2 | 52.2 | 52.2  | 52.7  | 52.         |
| 2 3500           |     | 71.5          | 71.7 | 71.8   | 71.9 | 71.9 | 71.9 | 71.9  | 71.9      | 71.9 | 71.9 | 71.9 | 71.9 | 71.9  | 71.9  | 71.         |
| ≥ 3000           |     | 62.5          | 82.8 | 83.1   | 83.6 | P3.7 | 83.7 | 83.7  | 83.7      | 83.7 | 83.7 | 63.7 | 63.7 | 63.7  | 83.7  | 83.         |
| ≥ 2500           |     | #3 <b>.</b> 5 | 83.4 | 84.2   | 85.2 | 85.3 | 95.3 | 25.3  | 85.3      | 85.3 | 85.3 | 85.3 | 85.3 | 85.3  | 65.3  | 35.         |
| ± 2000           |     | 94.3          | 84.7 | 84.9   | 86.0 | 86.2 | 86.2 | 86.2  | 86.2      | 86.2 | 66.2 | 86.2 | 86.2 | 86.2  | 55.2  | 96.         |
| ≥ '800           |     | 84.6          | 85.1 | 35.3   | 86.6 | 86.8 | 86.8 | 86.8  | 86.8      | 86.8 | 86.9 | 86.8 | 848  | 96.8  | 86.8  | +6.         |
| ≥ 1500           |     | 27.1          | 89.0 | 89.2   | 91.3 | 91.5 | 91.5 | 91.5  | 91.5      | 91.5 | 91.5 | 91.5 | 91.5 | 91.5  | 91.5  |             |
| ≥ 1200           |     | 29.7          | 91.0 | 91.3   | 93.8 | 94.1 | 94.1 | 94.2  | 94.2      | 94.2 | 94.2 | 94.2 | 94.2 | 94.2  | 94.2  | 94.         |
| 2 ,000           |     | 91.2          | 92.5 | 92.9   |      |      | 96.0 | 96.1  | 96.1      | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.2  | 76.         |
| ≥ 900            |     | 91.3          | 92.6 | 93.1   | 95.8 | 96.1 | 96.5 | 96.7  | 96.7      | 96.8 | 96.8 | 96.8 | 96.8 | 96.5  | 96.8  | 96          |
| ≥ 800            |     | 91.6          | 93.1 | 93.5   |      | 96.7 | 97.1 | 97.2  | 97.2      | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  |       |             |
| ≥ 700            |     | 92.2          | 93.6 | 94.2   | 97.0 | 97.4 | 98.0 | 98.3  | 98.3      | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4  | ∘8•         |
| ≥ 600            |     | 92.5          | 94.1 | 94.6   |      |      | 98.7 | 99.1  | 99.1      |      | 99.2 | 99.2 | 99.2 |       |       | 99.         |
| ≥ 500            |     | 92.5          | 94.1 | 94.6   | 97.8 | 98.2 | 99.0 | 99.4  | 99.6      | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | ٠,          |
| ≥ 400            |     | 92.5          | 94.1 | 94 . 6 |      | 98.2 | 99.0 | 99.6  |           | 99.8 | 99.8 | 99.a |      | -     |       | 99.         |
| ≥ 300            |     | 92.5          | 94.1 | 94.6   | 97.8 | 98.2 | 99.7 | 99.6  | 99.7      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9  | 99          |
| ≥ 200            |     | 92.9          | 94.1 | 94.6   | 97.8 | 98.2 | 99.0 | 99.6  | 99.7      | 99.9 | 99.9 | 99.9 | 90.9 | 99.9  | 99.9  | 79.         |
| > 100            |     | 92.5          | 94.1 | 94.6   | 97.8 | 98.2 | 99.0 | 99.6  | 99.7      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 39.9  | 99.         |
| 2 0              |     | 92.5          | 94.1 | 94.6   | 97.8 | 78.2 | 99.0 | 99.6  | 99.7      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9  | 100.        |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 6 9 7

DE DARE CLIMATOLOGY BRANCH DEETAC 41 VERTHER SERVICEMMAG

## CEILING VERSUS VISIBILITY

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71-60

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

700-1500 Hours (s.s.t.)

| 1E.N.,            |             |      |      |      |      |      | v+5   | .B.** ST | ATUTE MIL | E S  |        |      |             |        |          |              |
|-------------------|-------------|------|------|------|------|------|-------|----------|-----------|------|--------|------|-------------|--------|----------|--------------|
| 198874            | <b>3</b> .¢ | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥2%  | ≥ ;   | ≥ %      | ≥1%       | ≥'   | ≥ 1/4  | ≥%   | <b>≥</b> ۷. | ≥ 5/16 | <u> </u> | ≥ċ           |
| NO TEUNO          |             | 31.  | 31.9 | 31.9 | 31.9 | 31.9 | 31.9  | 31.9     | 31.9      | 31.9 | 31.7   | 31.4 | 31.9        | 31.7   | 31.7     | 31.          |
| ≥ 20000           |             | 35.2 | 35.3 |      | 35.3 | 35.3 | 35.3  | 35.3     |           | 35.3 | 35.3   | 35.3 | 35.3        | 75.3   | 35.3     | 35.3         |
| ≥ 18000           |             | 35.2 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3  | 35.3     | 35.3      | 35.3 | 35.3   | 35.3 | 35.3        | 35.3   | 35.3     | 35.3         |
| ≥ 6500            |             | 35.2 | 35.3 | 35.3 | 30.3 |      |       |          |           | 35.3 | 35.3   |      |             |        |          |              |
| ≥ 14000<br>≥ 2000 |             | 35.2 |      |      | 35.3 |      |       | 35.3     |           |      | 35 • 3 |      |             | 35.3   |          |              |
|                   |             | 35.6 |      |      | 35.7 |      |       |          |           | 35.7 | 35.7   | 35.7 |             |        |          |              |
| ≥ 9000<br>≥ 70000 |             | 35.8 |      |      | 35.9 |      |       |          |           |      | 35.0   |      |             |        | _        |              |
|                   |             | 35.8 |      |      |      |      | 35.9  |          |           | 35.9 | 35.9   |      |             |        |          | 35.4         |
| ≥ 8000<br>≥ 7000  |             | 36.5 |      |      | 35.6 |      |       | 1 1      | -         | 36.6 | -      | 36.6 |             | 36.€   |          |              |
|                   |             | 36.5 | 36.9 |      |      |      | 36.9  |          |           | 36.9 |        |      | 36.7        |        |          |              |
| ≥ 6000<br>≥ 5000  |             | 36.8 | 36.9 | 36.9 | 36.9 |      | 36.9  |          |           | 36.9 | 36.0   | - (  |             | 36.9   |          | 36.9         |
|                   |             | 36.9 | 36.9 |      |      |      | 36.9  |          |           | 36.9 | 36.0   |      |             |        |          | 30.9         |
| ≥ 4500<br>± 4000  |             | 37.4 | 37.5 |      |      |      | 37.5  |          | 37.5      |      | 37.5   | 37.5 | 1           | 37.5   |          | 1            |
|                   |             | 47.7 | 47.9 |      |      |      | 47.9  |          | 47.9      |      |        |      | 47.9        |        |          | 47.9         |
| ≥ 3500<br>≥ 3000  |             | 70.4 | 70.7 | 70.9 | 77.9 |      |       |          |           | 76.9 | 70.9   | 1    |             | 70.9   |          |              |
| 2 3000            |             | 91.6 |      | 82.3 |      |      | 82.8  |          | 82.8      |      |        |      |             | 82.5   |          | 82.0         |
| ≥ 2500            |             | 93.2 | 83.9 |      |      |      |       |          |           | ſ    |        | 1    |             |        |          |              |
| 2000              |             | 24.0 |      |      |      |      |       |          | 85.8      |      |        |      | £5.8        |        |          | 85.8         |
| ≥ 1800            |             | €4•1 | 84.9 |      | €5.9 |      | 85.9  |          | 66.0      |      | 86.0   |      |             |        |          |              |
|                   |             | P8.3 | 88.9 |      |      | 91.1 |       | 91.1     |           |      | 91.2   |      |             |        |          |              |
| ≥ 1200            |             | 87.8 |      |      | 93.3 | - 1  | 93.7  |          |           | 93.9 |        | - 1  | 93.9        |        |          | 03.9         |
| 2 .000            |             | 9).7 | 91.7 |      |      | 95.0 |       |          |           | 95.7 |        |      |             | 95.7   |          | 95.7         |
| ≥ 900<br>≥ 800    |             | 91.1 | 92.1 |      |      |      |       | 96.2     |           |      |        |      |             |        | 96.3     |              |
|                   |             | 91.7 | 92.7 |      | 96.3 | 96.6 |       |          | 97.2      |      | 97.2   |      |             | 97.2   |          |              |
| ≥ 700             |             | 92.3 | 93.3 | 94.0 | 1    | -    |       |          |           |      | 98.2   |      |             |        |          | 98.2         |
| ≥ 600             |             | 92.4 |      | Ĭ    |      |      |       |          |           | 96.6 |        |      | 98.6        |        | 98.6     |              |
| ≥ 500             |             | 32.8 |      |      |      |      |       |          | - 1       | 99.4 |        |      | 99.4        |        |          |              |
| ≥ 400             |             | 92.8 |      |      |      | 98.1 |       |          |           | 99.4 |        |      |             |        |          |              |
| ≥ 300             |             | 02.5 |      |      |      |      |       |          |           |      |        |      | 99.4        | 39.4   | -        | 99.4         |
| ≥ 200             |             | 92.8 | _    |      |      |      | 98.9  |          |           |      |        |      |             |        |          |              |
| ≥ 100             |             |      | 93.9 |      | 97.9 | •    | · • I |          |           | 99.8 |        | - 1  |             | - 1    | _        |              |
| ≥ 0               |             | 72.8 | 93.9 | 94.5 | 97.9 | 98.1 | 98.9  | 99.4     | 99.7      | 99.8 | 99.8   | 99.8 | 99.8        | 99.9   | 99.9     | <u>100-7</u> |

TOTAL NUMBER OF OBSERVATIONS

TE MAL CLIMATOLOGY BRANCH MARKETAC AT REATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

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71-80

<u> الله</u>

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>630-060</u>.

| CEU NO                  |             |              | •            |                  |                      |              | vis          | B. TY ST     | ATUTE MIL    | ES   |              |                      |              |              |                      |              |
|-------------------------|-------------|--------------|--------------|------------------|----------------------|--------------|--------------|--------------|--------------|------|--------------|----------------------|--------------|--------------|----------------------|--------------|
| (FEE')                  | ≥ .C        | ≥6           | ≥5           | ≥ 4              | ≥ 3                  | ≥2%          | ≥ 2          | ≥ %          | ≥1%          | ≥1   | ≥ 4          | ≥ %                  | ≥ ٧:         | ≥ 5/16       | 2 4                  | ≥ડ           |
| NO CELUNG<br>≥ 20000    |             | 27.5         | 27.5         | 72.3             | 22.4                 | 22.4         |              |              | 22.4         |      |              | 22.5                 |              |              | 22.5                 | 22.5         |
| ≥ 18000<br>≥ 16000      |             | 27.5<br>27.5 | 27.5         | 27.5             |                      | 27.6         | 27.6         | 27.6         | 27.6         | 27.6 |              | 27.7                 |              |              | 27.7                 | 77.7         |
| ≥ '4000<br>≥ '2000      |             | 27.5<br>23.8 | 1            | 27.5<br>28.8     |                      | 27.6         | 27.6<br>29.0 |              | 27.6         |      |              | 27.7                 | 27.7         | 27.7<br>29.1 | 27.7<br>29.1         | 27.7<br>29.1 |
| 00000 ≤                 |             | 70.1<br>30.2 | 30.1<br>30.2 | 30 • 1<br>30 • 2 |                      | 30.2<br>30.3 | 30.2<br>30.3 | 30.2<br>30.3 | 30.2<br>30.3 | 1    | 30.0<br>30.3 | 30.3<br>30.4         |              | 30.3<br>30.4 | 30 • 3<br>30 • 4     | 70.3<br>33.4 |
| ≥ 8000<br>≥ 7000        |             | 33.4         | 33.4         | 33.4<br>33.7     |                      | 33.5<br>33.9 |              | 33.5<br>33.9 | 33.5<br>33.9 |      | l - 1        | 33.6<br>34.0         | 33.6<br>34.0 | 1            | 33.5<br>34.7         | 33.6<br>34.J |
| ≥ 6000<br>≥ 5000        |             | 33.7<br>33.7 | 33.7<br>33.7 | 33.7<br>33.7     | 32.9<br>33.9         | 33.9<br>33.9 | 33.9<br>33.9 |              | 33.9<br>33.9 |      |              | 34.0                 | 34.0<br>34.0 | 34.3         | 34.0<br>34.0         | 34.0         |
| ≥ 4500<br>≥ 4000        |             | 34.4<br>45.8 | 34.4<br>45.8 | 34.4<br>45.8     | 7                    | 34.5<br>45.9 |              |              | 34.5<br>45.9 |      | 45.9         |                      | 46.0         | 46.0         | 34.6<br>46.0         | 46.0         |
| ≥ 3500<br>≥ 3000        |             | 69.3<br>79.1 | 79.3         | 79.6             | 8C.0                 | 80.3         | 69.7<br>80.0 | 80.0         | 69.7<br>80.0 | 80.0 | 80.0         | 69.8<br>80.1         | 80.1         | 00.1         | 59.8<br>30.1         | 8↓ <b>.1</b> |
| ≥ 2500<br>≥ 2000        |             | 50.0<br>81.0 | 80.2         | 80.5<br>61.6     | 82.1                 | 81.0<br>82.1 | 31.1<br>82.2 |              | 61.1<br>82.2 | 82.2 | 82.2         | 81.2<br>82.3         | 82.3         |              | 81.2<br>82.3         |              |
| ≥ 1800<br>≥ 1500        | ·           | 81.1<br>85.9 |              | 81.8             | 88.1                 | 88.1         | 82.4         | 82.4         |              | 68.3 | 8.86         |                      | 88.9         | 88.9         | 62.5                 | 88.7         |
| ≥ 1200<br>≥ 1000        |             | 89.0<br>90.1 | 90.9         |                  | 93.1                 | 91.9         | 94.3         | 94.7         | 92.8         | 94.8 | 94.8         | 94.9                 | 93.0         | 95.1         | 93.0<br>95.1         | 93.3<br>95.1 |
| ≥ 900<br>≥ 800          |             | 20.6         |              | 92.4             | 94.1                 | 94.5         | 94.9         | 96.1         | 95.4         | 96.3 | 96.3         |                      | 96.7         | 96.7         | 95.9                 | 40.7         |
| ≥ 700<br>≥ 600          |             | 90.6<br>90.9 | 91.6<br>91.6 | 92.4<br>92.1     | 94.1<br>94.3<br>95.2 | 94.5         |              | 96.4<br>96.4 | 96.2<br>96.5 |      | 97.7         | 96.7<br>97.1<br>98.3 | 97.3         | 97.5         | 96.9<br>97.3<br>98.7 |              |
| ≥ 500<br>≥ 400<br>≥ 300 |             | 91.5         |              |                  | 95.1                 | 95.9         |              | 97.8         | 97.9         | 98.3 | 98.4         | 98.7                 | 99.0         | 99.5         | 99.3                 | 99.          |
| ≥ 200<br>≥ 200          | <del></del> | 71.5         | 92.4         |                  | 95.3                 | 95.9         | 96.9         |              |              | 98.7 | 98.9         | 99.1                 | 99.6         | 99.6         |                      | 99.6         |
| 2 0                     |             | 01.5         |              |                  | 95                   | 95.9         |              |              |              | 98.8 |              |                      | 99.9         |              | -                    | 138.7        |

LE PAL CLIMATOLOUY PRANCH LTAFETAC NI GEATHIR SERVICEZMAC

## CEILING VERSUS VISIBILITY

1 2 1 LAJES AS AC

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LIST)

| TELNO       |     |         |      |      |      |      | VIS  | .B . *v ST. | ATUTE MILI | <b>E</b> S | · · · · · · · · · · · · · · · · · · · |      |      |       |      |       |
|-------------|-----|---------|------|------|------|------|------|-------------|------------|------------|---------------------------------------|------|------|-------|------|-------|
| (FEE')      | ≥.¢ | ≥6      | ≥ 5  | ≥ 4  | ≥ 3  | ≥2%  | ≥ ;  | ≥ . %       | ≥1%        | ≥1         | ٤ ،                                   | ≥ %  | 2 v  | ≥5/16 | 2 4  | ≥0    |
| NO CEUNG    |     | 24.7    | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7        | 24.7       | 24.7       | 24.7                                  | 24.7 | 24.7 | 24.7  | 24.7 | 24.7  |
| ≥ 20000     |     | 71.0    | 31.1 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0        | 31.3       | 31.0       | 31.5                                  | 31.0 | 31.0 | 71.3  | 31.5 | 31.   |
| ≥ 18000     |     | 1.      | 31.7 | 31.0 | 31.0 | 31.0 | 31.3 | 31.0        | 31.0       | 31.0       | 31.0                                  | 31.0 | 31.0 | 31.0  | 31.7 | 31.0  |
| ≥ 16000     |     | 11.2    | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2        | 31.5       | 31.2       | 31.2                                  | 31.2 | 31.2 | 31.2  | 31.2 | 31.2  |
| ≥ 4000      |     | 71.2    | 31.2 | 31.2 | 31.2 | 31.2 | 31.7 | 31.2        | 31.2       | 31.2       | 31.7                                  | 31.2 | 31.2 | 31.2  | 31.2 | 31.3  |
| ≥ 2000      |     | 32.4    | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4        | 32.4       | 32.4       | 32.4                                  | 32.4 | 32.4 | 32.4  | 52.4 | 32.4  |
| ≥ .5000     |     | 33.7    | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7        | 33.7       | 33.7       | 33.7                                  | 33.7 | 33.7 | 33.7  | 33.7 | 33.7  |
| ≥ 9000<br>≥ |     | 34.0    | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0        | 34.7       | 34.0       | 34.0                                  | 34.3 | 34.0 | 34.   | 34.7 | 34.0  |
| ≥ 800C      |     | 37.d    | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1        | 37.1       | 37.1       | 37.1                                  | 37.1 | 37.1 | 37.1  | 37.1 | 37.1  |
| ≥ 7000      |     | 37.0    | 37.1 | 37.1 | 37.1 | 27.1 | 37.1 | 37.1        | 37.1       | 37.1       | 37.1                                  | 37.1 | 37.1 | 37.1  | 37.1 |       |
| ≥ 6000      |     | 37.1    | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2        | 37.2       | 37.2       | 37.2                                  | 37.2 | 37.2 | 37.2  | 37.2 | 37.2  |
| ≥ 5000      |     | 37.1    | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2        | 37.2       | 37.2       | 37.2                                  | 37.2 | 37.2 | 37.2  | 37.2 | 37.2  |
| ≥ 450C      |     | 3 4 • 8 | 38.9 | 30.9 | 38.9 | 38.9 | 38.9 | 38.9        | 39.9       | 38.9       | 38.9                                  | 38.9 | 37.9 | 38.9  | 38.9 |       |
| ≥ 4000      |     | 13.6    | 53.7 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0        | 54.7       | 54.0       | 54.0                                  | 54.0 | 54.0 | 54.6  | 24.3 | 64.00 |
| ≥ 3500      |     | 75.1    | 75.2 |      |      |      |      |             | 75.6       |            |                                       | 75.6 |      | 75.5  |      |       |
| 2 3000      |     | 33.2    | 83.3 | 83.6 | 83.8 | 23.9 | 83.9 | 83.9        | 83.9       | 83.9       | 83.9                                  | 83.9 | 63.9 | 53.9  | 23.9 | 33.9  |
| ≥ 2500      |     | 43.9    | 84.2 | 84.4 | 84.7 | 84.8 | 84.8 | 34.8        | 84.8       | 34.8       | £4.0                                  | 84.8 | 84.5 | P4.9  | 54.2 |       |
| 2000        |     | 84.9    | 85.3 | 85.6 | 85.9 | 96.0 | 86.0 | 96.0        | 86.0       | 96.0       | 86.3                                  | 96.0 | 86.2 | 86.0  | 85.3 | 2000  |
| ≥ 1800      |     | 55.2    | 85.7 | 85.9 | 86.2 | 85.3 | 86.3 | 86.3        | 86.3       | 86.3       | 86.3                                  | 86.3 | 35.3 | €6.3  | 55.3 |       |
| ≥ 1500      |     | 28.8    | 89.6 | 89.9 | 90.6 | 93.7 | 90.8 | 90.8        | 90.8       | 95.8       | 90.9                                  | 90.8 | 97.3 | 90.9  | 93.9 | 90.3  |
| ≥ 1200      |     | 43.4    | 91.4 | 92.1 | 93.0 | 93.1 | 93.3 | 93.4        | 93.4       | 93.4       | 93.4                                  | 93.4 | 93.4 | 93.4  | 73.4 | 13.4  |
| ≥ .000      |     | 92.6    | 93.8 | 94.4 | 95.9 | 96.2 | 96.6 | 96.7        | 96.7       | 96.8       | 96.8                                  | 96.€ | 96.8 | 96.5  | 26.9 | ¢6.3  |
| ≥ 90¢       |     | 92.7    | 93.9 | 94.6 | 96.0 | 96.3 | 96.7 | 76.8        | 96.8       | 96.9       | 96.9                                  | 96.9 | 96.9 | 96.9  | 96.9 | 06.0  |
| ≥ 800       |     | 02.9    | 94.2 | 94.9 | 96.3 | 96.7 | 97.1 | 97.2        | 97.2       | 97.3       | 97.3                                  | 97.3 | 97.3 | 97.3  | 97.3 | 97.3  |
| ≥ 700       |     | 93.0    | 24.3 |      |      |      |      |             | 97.6       |            | 97.9                                  |      |      |       |      |       |
| ≥ 600       |     | 23.1    | 94.4 | 95.2 | 96.7 | 97.1 | 97.7 | 97.8        | 97.8       | 98.3       | 96.3                                  | 96.3 | 96.3 | 98.3  | 9A.3 | 98.3  |
| ≥ 500       |     | 93.1    | 94.6 |      |      | 97.3 |      |             |            |            |                                       |      | 98.5 |       | -    |       |
| ≥ 400       |     | 93.2    | 94.7 | 95.4 | 97.0 | 97.4 | 98.0 | 98.1        |            |            | 98.8                                  | 98.8 | 98.9 | 98.9  | 98.9 | G 6 9 |
| ≥ 300       |     | 93.2    | 94.7 | 95.4 |      |      | 98.4 |             |            |            | - 1                                   |      |      | 99.4  |      |       |
| ≥ 200       |     | 03.2    | 94.7 |      |      | 97.6 |      |             |            |            |                                       |      |      |       |      | 99.4  |
| > 100       |     | 93.2    |      | 95.4 | 97.1 | 97.6 | 98.4 | 98.7        | 98.7       | 99.3       | 99.4                                  | 99.7 | 99.8 | 99.8  | 99.5 | 99.3  |
| [≥ 0 ]      |     | 93.2    | 94.7 | 95.4 | 97.2 | 97.7 | 98.6 | 98.8        | 98.8       | 99.4       | 99.6                                  | 99.8 | 99.9 | 99.9  | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

CL HAL CLIMATOLOGY BRANCH OF MEETAC AL KEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1403

| CELNO                |     |                    |              | -                |              |              | viS          | B . ** ST        | ATUTE MIG    | E5           |              |              |              |                  |                 |              |
|----------------------|-----|--------------------|--------------|------------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|------------------|-----------------|--------------|
| (FEE')               | ≥:0 | ≥ 6                | ≥5           | ≥ 4              | ≥ 3          | ≥2%          | ≥ ?          | ≥ %              | ≥1%          | ≥'           | ≥ %          | ≥ %          | ≱ V:         | ≥ 5/16           | ≥ 4             | ≥0           |
| NO CERINO<br>≥ 30000 |     | 73.6               | 26.3<br>33.6 | 33.6             |              |              | 26.8<br>33.6 |                  |              | 26.A         | 26.0         | 26.5<br>33.6 | 26.3<br>33.6 | 1                | 26.4<br>33.6    | 76.9<br>33.6 |
| ≥ 18000<br>≥ 5100    |     | 73.4               | 33.6         |                  |              | 33.6         |              |                  | 33.6         | 33.6         |              |              | 33.6         | 3 <b>3.</b> 6    |                 | 73.5<br>33.6 |
| ≥ 14600<br>≥ 2000    |     | 33.7               | 33.7         | 33.7             | 33.7         | 33.7         | 33.7         | 33.7             | 33.7         | 33.7         | 33.7         | 33.7         | 33.7         | 33.7             | 33.7            | 33.7         |
| ± 10000<br>≥ 9000    |     | 37.0               | 37.0         | 37.0             | 37.0         | 37.0         | 37.7         | 37.U             | 37.0         | 37.0         |              | 37.0         | 37.3         | 37.              | 37.0            | 37.0         |
| ≥ 800C<br>≥ 700C     |     | 40.4               | 43.5         | 40.5             |              | 40.6         | 40.6         | 40.6             | 40.6         |              | 40.6         | 40.6         | 4~.6         | 40.6             | 4 7.5<br>4 J. 5 | 40.6<br>40.6 |
| ≥ 6000<br>≥ 5000     |     | 4G.4               |              | 40.5             | 40.7         | 40.7         | 40.7         | 40.7             |              | 48.7         | 40.7         | 4C.7         | 40.7         |                  | 40.7            | 41.3         |
| ≥ 4500<br>± 4000     |     | 42.4<br>57.5       | 42.5         | 47.5             | 42.7<br>58.4 | 42.7         | 42.7         | 42.7             | 42.7<br>58.4 | 42.7         | 42.7         | 42.7         | 42.7         | 42.7<br>58.4     | 42.7<br>58.4    | 42.7         |
| 2 3500<br>≥ 3000     |     | 76.5               | 77.0<br>84.5 |                  | 78.0<br>85.9 | 7 7          | 78.0<br>85.9 | 78.0<br>85.9     |              | 78.1<br>86.0 | 78.1<br>86.0 | 78.1<br>86.3 | 78.1<br>86.3 | 78 • 1<br>86 • 0 | 73.1            | 78.1         |
| ± 2500<br>± 2000     |     | 94.9               | 85.7<br>86.7 | 86 • 3<br>87 • 3 | 85.8<br>88.0 |              | 36.8<br>88.0 | 86.8<br>88.0     | 86 . F       | 86.9<br>88.1 | 86.9<br>88.1 | 86.9         | 86.9<br>68.1 | 86.7             | 86.9<br>38.1    | 86.9         |
| ≥ 800<br>≥ 1500      |     | 26.4               | 87.2<br>90.1 | 87.9<br>91.4     | 3            | 98.5         | 58.5         | 88.5<br>92.3     |              | 88.7         | 88.7         | 88.7<br>92.4 |              |                  | 88.7<br>92.4    | 68.7<br>92.4 |
| ≥ 1200<br>≥ 1000     |     | G : . 1<br>C 3 . 4 |              | 95.2             | 95.6<br>96.6 |              | 95.9         | 95.9             |              | 96.0         | 96.1         | 96.0         |              | 97.1             | 96.7<br>97.1    | 96.5<br>97.1 |
| 2 90C<br>≥ 800       |     | ^3.5<br>93.8       | 94.4         | 95.3<br>95.6     | 96.7         | 96.8<br>97.0 | 97.0         | 97.1             | 97.1<br>97.7 |              | 97.2         | 97.2<br>97.8 | 97.2<br>97.8 | 97.2             | 97.2<br>97.8    | 97.2         |
| ≥ 700<br>≥ 600       |     | 73.8<br>73.8       | 1 1          | 95.6<br>95.7     | 96.9         | - 7          | - 1          | 97.7<br>98.3     | 97.7         | 97.9<br>98.2 |              | - 1          | 97.9<br>98.2 |                  | 98.7<br>98.3    | 98.7         |
| ≥ 500<br>≥ 400       |     | ?3.6<br>93.8       |              | , , , ,          | 97.1         |              | 97.9<br>98.3 | 98.2<br>98.7     | 98.2<br>98.8 | 98.4<br>99.0 |              |              |              |                  |                 | 98.£         |
| ≥ 300<br>≥ 200       |     | 73.8<br>93.8       |              |                  | 97.1<br>97.1 |              | 98.0<br>98.0 | 98 • 7<br>98 • 7 | 98.8<br>98.8 |              | 99.0<br>99.0 | 99.1         |              | 79.5             | 99.3            | 99.3<br>99.3 |
| ≥ 100<br>≥ 0         |     | 93.8<br>73.8       | 1            |                  | 97.1<br>97.4 |              | - 1          | 98.7<br>99.0     |              |              |              |              | 99.3<br>99.7 | _                | 99.4<br>99.8    |              |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 800

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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LE MAL CLIMATOLOGY BRANCH UT METAC AT MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-1700 Hours (LIS.T.)

| CEIL NO             |       |       |       |             |       |      | viS  | B . " . ST | ATUTE MIL | ES   |      |      |      | _      |      |      |
|---------------------|-------|-------|-------|-------------|-------|------|------|------------|-----------|------|------|------|------|--------|------|------|
| (FEET)              | ≥ ∵\$ | ≥6    | ≥ 5   | ≥ 4         | ≥ 3   | ≥2%  | ≥ 2  | ۶۰۶        | ≥1%       | ≥1   | ≥ ¼  | ≥ %  | ≥ ∨  | ≥ 5/16 | 2%   | ≥0   |
| NO CEUNO<br>≥ 20000 |       | 31.9  | 31.3  | 31.9        |       |      |      |            |           |      |      |      |      |        |      |      |
|                     |       | 33.3  |       |             | 39.3  |      |      |            |           | 39.3 |      |      |      |        | 39.3 |      |
| ≥ 18000<br>≥ 16000  |       | 30.3  | 1 - 1 | 39.3        |       |      |      |            | -         | 39.3 |      |      |      |        |      |      |
|                     |       | 37.3  | 30.3  | 39.3        | 39.3  |      |      |            |           | 39.3 |      |      |      |        |      |      |
| ≥ 14000<br>≥ 12000  |       | 70.7  |       | 39.7        |       |      |      |            |           | 39.7 |      |      |      |        |      |      |
|                     |       | 40.1  | 40.1  | <del></del> | 41: 1 |      |      |            | 40.1      |      |      |      | 40.1 |        | 45.1 |      |
| 2000: ≤             |       | 41.3  | 41.3  | 41.3        | 41.3  | 41.3 |      |            |           |      |      | 41.3 |      |        | _    |      |
|                     |       | 41.3  | 41.3  | 41.3        | 41.3  |      |      |            |           | 41.3 |      |      |      |        |      | 41.3 |
| ≥ 8000              |       | 43.3  | 43.3  | 43.6        |       |      | 43.6 |            |           |      |      | 43.6 |      | - 1    | 43.6 |      |
| ≥ 7000              |       | 43.3  | 43.5  | 43.6        |       | 43.6 | 43.6 | 43.6       | 43.6      | 43.6 | 43.6 | 43.6 | 47.6 | 43.6   | 43.5 | 43.6 |
| ≥ 6000              |       | 43.3  | 43.3  | 43.6        | 43.6  | 43.6 | 43.6 | 43.6       | 43.5      | 43.6 | 43.5 | 43.6 | 43.5 | 43.6   | 43.6 | 43.6 |
| ≥ 5000              |       | 43.0  | 43.8  | 44.0        | 44.0  | 44.0 | 44.0 | 44.0       | 44.0      | 44.0 | 44.0 | 44.C | 44.0 | 44.0   | 44.3 | 44.0 |
| ≥ 4500              |       | 45.0  | 45.0  | 45.2        | 45.2  |      |      |            |           | 45.2 |      |      |      |        | 45.2 |      |
| ≥ 400C              |       | 59.0  | 59.9  | 60.1        | 60.1  | 60.1 | 60.1 | 60.1       | 60.1      | 60.1 | 60.1 | 60.1 | 60.1 | 60.1   | 63.1 | 60.1 |
| ≥ 3500              |       | ១១.១  | 60.3  | P0.6        | 60.7  | 80.7 | 80.8 | 80.3       | 80.8      | 85.8 | 86.4 | 80.8 | გე•9 | 80.6   | 80.8 | AC.c |
| ≥ 3000              |       | 1:4.8 | 85.1  | 85.3        | 85.4  | 85.4 | 85.6 | 85.6       | 85.5      | 35.6 | 85.6 | 85.6 | 85.6 | 85.6   | 35.6 | 85.6 |
| ≥ 2500              |       | 45.2  | 85.8  | 86.0        | 86.1  | P6.1 | 86.2 | 86.2       | 86.2      | 86.2 | 86.2 | 86.2 | 86.2 | P6.2   | 85.2 | 56.2 |
| ≥ 2000              |       | 86.4  | 87.2  | 87.4        | 87.7  | 87.7 | 87.8 | 87.8       | 87.8      | 87.6 | 67.8 | 87.8 | 87.8 | 87.8   | 37.8 | 97.8 |
| ≥ 1800              |       | 37.0  | 87.8  | 88.0        | 88.2  | 88.2 | 88.3 | 88.3       | 88.4      | 88.3 | 88.3 | 88.3 | 88.3 | 58.3   | 88.3 | 48.3 |
| ≥ 1500              |       | 93.4  | 91.7  | 92.0        | 92.4  | 92.4 | 92.7 | 92.7       | 92.7      | 92.7 | 92.7 | 92.7 | 92.7 | 72.7   | 42.7 | 92.7 |
| ≥ 1200              |       | 92.4  | 93.8  | 94.2        | 95.1  | 95.2 | 95.6 | 95.8       | 95.8      | 95.8 | 95.4 | 95.8 | 95.8 | 95.8   | 95.3 | 95.5 |
| ≥ .000              |       | 93.4  | 94.9  | 95.4        | 96.4  | 96.6 | 97.0 | 97.2       | 97.2      | 97.2 | 97.2 | 97.2 | 97.2 | 97.2   | 97.2 | 97.2 |
| ≥ 900               |       | ₹3.8  | 95.2  | 95.8        | 96.8  | 96.9 | 97.4 | 97.8       | 97.8      | 97.8 | 97.8 | 97.9 | 97.9 | 97.9   | 97.9 | 97.9 |
| ≥ 800               |       | 94.4  | 95.9  | 96.4        | 97.4  | 97.6 | 98.3 | 98.8       | 98.5      | 98.8 | 98.8 | 98.9 | 98.9 | 98.9   | 94.9 | 06.9 |
| ≥ 700               |       | 94.4  |       |             |       |      |      |            |           | 98.8 |      |      |      |        |      |      |
| ≥ 600               |       | 94.4  | 95.9  |             | -     |      |      |            |           | 99.1 |      |      |      |        |      |      |
| ≥ 500               |       |       | 95.9  |             |       |      | 98.6 |            | 99.2      |      |      |      | 99.4 |        |      |      |
| ≥ 400               |       | 04.4  |       |             |       |      | 98.7 | -          |           | 99.6 | 1    |      |      |        |      |      |
| ≥ 300               |       | 94.4  |       |             |       |      | 98.7 |            |           | 99.6 |      |      | 99.7 |        |      |      |
| ≥ 200               |       |       | 95.9  |             |       |      |      |            |           |      |      |      |      |        |      |      |
| > 100               |       |       | 95.9  |             |       |      |      |            |           |      |      |      |      |        |      |      |
| 2 0                 |       | 94.4  |       |             |       |      |      |            |           | 99.9 |      |      |      |        |      |      |

TOTAL NUMBER OF OBSERVATIONS

905

BELARAL CLIMATOLOGY BRANCH ORTETAC AT FEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1 2 1 LAJES AP AZ

71-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-7000 Hours (CEV)

| CEILNO    |     |      |      |      | <u> </u> |      | ٧١S  | B . TV . 574 | ATUTE MIL | ES   |      |      |       |              |       |         |
|-----------|-----|------|------|------|----------|------|------|--------------|-----------|------|------|------|-------|--------------|-------|---------|
| (FEET)    | ≥:0 | ≥ 6  | ≥ 5  | ≥ 4  | ≥3       | ≥2%  | ≥ 2  | ≥ . ⅓        | ≥١%       | ≥1   | ≥ ¼  | ≥%   | ≥ ∨   | ≥5/10        | ≥ 4   | ≥c      |
| NO CEIUNG | •   | 32.4 | 33.0 | 33.0 | 33.0     | 33.0 | 33.0 | 33.0         | 33.0      | 33.0 | 33.0 | 33.0 | 33.0  | 73.          | 33.0  | 33.0    |
| ≥ 20000   |     | 43.5 | 40.6 | 40.6 | 40.6     | 43.6 | 40.6 | 40.6         | 40.6      | 40.6 | 40.6 | 40.5 | 40.6  | 40.6         | 40.5  | 43.6    |
| ≥ 18000   |     | 40.5 | 40.6 | 43.6 | 40.6     | 43.6 | 47.6 | 40.6         | 40.6      | 40.6 | 40.€ | 43.6 | 43.6  | 4 D . 6      | 40.5  | 40.6    |
| ≥ .9000   |     | 40.5 | 40.6 | 40.6 | 40.6     | 40.6 | 40.6 | 40.6         | 40.6      | 4C.6 | 40.€ | 40.6 | 40.6  | 40.6         | 40.5  | 43.6    |
| ≥ 14000   |     | 40.6 | 40.7 | 40.7 | 40.7     | 43.7 | 44.7 | 40.7         | 40.7      | 46.7 | 41.7 | 40.7 | 40.7  | 40.7         | 40.7  | 40.7    |
| ≥ .500€   |     | 40.9 | 41.  | 41.0 | 41.0     | 41.0 | 41.0 | 41.0         | 41.0      | 41.0 | 41.0 | 41.3 | 41.0  | 41.0         | 41.0  | 41.     |
| 5 .5000   |     | 42.5 | 42.7 | 42.7 | 42.7     | 42.7 | 42.7 | 42.7         | 42.7      | 42.7 | 42.7 | 42.7 | 42.7  | 42.7         | 47.7  | 42.7    |
| ≥ 9000    |     | 42.3 | 43.0 | 43.0 | 43.0     | 43.0 | 43.0 | 43.0         | 43.0      | 43.0 | 43.7 | 43.0 | 43.0  | 43.0         | 43.3  | 45.0    |
| ≥ 800C    |     | 45.6 | 45.7 | 45.7 | 45.7     | 45.7 | 45.7 | 45.7         | 45.7      | 45.7 | 45.7 | 45.7 | 45.7  | 45.7         | 45.7  | 45.7    |
| ≥ 7000    |     | 45.6 | 45.7 | 45.7 | 45.7     | 45.7 | 45.7 | 45.7         | 45.7      | 45.7 | 45.7 | 45.7 | 45.7  | 45.7         | 45.7  | 45.7    |
| ≥ 6000    |     | 45.6 | 45.7 | 45.7 | 45.7     | 45.7 | 45.7 | 45.7         | 45.7      | 45.7 | 45.7 | 45.7 | 45.7  | 45.7         | 45.7  | 45.7    |
| ≥ 5000    |     | 45.7 | 45.5 | 45.8 | 45.8     | 45.8 | 45.8 | 45.8         | 45.8      | 45.8 | 45.9 | 45.8 | 45.8  | <b>45.</b> 8 | 45.9  | 45.8    |
| ≥ 4500    |     | 47.1 | 47.2 | 47.2 | 47.2     | 47.2 | 47.2 | 47.2         | 47.2      | 47.2 | 47.2 | 47.2 | 47.2  | 47.2         | 47.2  | 47.2    |
| ± 4000    |     | 55.8 | 59.0 | 59.0 | 59.0     | 59.0 | 59.0 | 59.0         | 59.0      | 59.0 | 59.0 | 50.0 | 59.0  | 59.0         | 59.0  | 59.4    |
| ≥ 3500    |     | 74.6 | 79.1 | 79.1 | 79.4     | 79.4 | 79.4 | 79.4         | 79.4      | 79.4 | 79.4 | 79.4 | 79.4  | 79.4         | 79.4  | 79.4    |
| ≥ 3000    |     | 94.8 | 85.3 | 85.3 | 85.9     | 85.9 | 85.9 | 85.9         | 85.9      | 85.9 | 85.9 | 85.9 | 85.9  | 85.9         | 85.9  | a ≤ • 9 |
| ≥ 2500    |     | 95.5 | 86.1 | 86.1 | 86.7     | 86.7 | 86.7 | 86.7         | 86.7      | 86.7 | 86.7 | 86.7 | 86.7  | 86.7         | 86.7  | 86.7    |
| ≥ 2000    |     | 86.5 | 87.2 | 87.3 | 88.1     | 88.1 | 88.1 | 88.1         | 88.1      | 88.1 | 88.1 | 88.1 | 38.1  | 88.1         | 38.1  | .ea.1   |
| ≥ 1800    |     | 96.5 | 87.2 | 87.3 | 88.1     | 68.1 | 89.1 | 88.1         | 88.1      | F8.1 | 88.1 | 89.1 | 88.1  | 88.1         | A9.1  | 38.1    |
| ≥ 1500    |     | ≎B.1 | 90.9 | 91.2 | 92.1     | 92.3 | 92.3 | 92.3         | 92.3      | 92.3 | 92.3 | 92.3 | 92.3  | 92.3         | 92.3  | 35.3    |
| ≥ 1200    |     | 92.0 | 92.9 | 93.5 | 95.2     | 95.2 | 95.3 | 95.3         | 95.3      | 95.3 | 95.3 | 95.3 | 95.3  | 95.3         | 95.3  | 95.     |
| ≥ ,000    |     | 92.9 | 93.8 | 94.4 | 96.4     | 96.4 | 96.6 | 96.6         | 96.6      | 96.6 | 96.6 | 96.4 | 96.6  | 96 . t       | 96.6  | 96.6    |
| ≥ 900     | -   | 93.4 | 94.4 | 95.2 | 97.3     | 97.3 | 97.4 | 97.4         | 97.4      | 97.4 | 97.4 | 97.4 | 97.4  | 97.4         | 97.4  | 97.4    |
| ≥ 800     |     | 23.9 | 94.9 | 95.7 | 97.9     | 97.9 | 98.0 | 98.1         | 98.1      | 98.1 | 98.1 | 98.1 | 98.1  | 98.1         | 98.1  | 96.1    |
| ≥ 700     |     | 94.  | 95.1 | 95.8 | 98.0     | 98.2 | 98.1 | 98.4         | 98.4      | 98.4 | 98.4 | 98.4 | 98.4  | 98.4         | 98.4  | 35.4    |
| ≥ 600     |     | 94.3 | 95.3 | 96.2 | 98.4     | 98.7 | 98.8 | 99.0         | 99.1      | 99.0 | 99.3 | 99.0 | 99.0  | 99.3         | 99.0  | 99.0    |
| ≥ 500     |     | 74.3 | 95.3 | 96.2 | 98.6     | 98.8 | 98.9 | 99.2         | 99.2      | 99.2 | 99.2 | 99.2 | 99.2  |              | 99.2  | 99.2    |
| 400       |     | 94.3 | 95.3 | 96.2 | 98.6     | 98.8 | 99.0 | 99.3         | 99.4      | 99.4 | 99.4 | 99.4 | 99.4  | 99.4         | 39.4  | 79.4    |
| ≥ 300     |     | 94.4 | 95.4 | 96.3 | 98.7     | 98.9 | 99.1 | 99.4         | 99.6      | 99.6 | 99.6 | 99.7 | 99.7  | 99.7         | 59.7  | 99.7    |
| ≥ 200     |     | 94.4 | 95.4 | 96.3 | 98.7     | 98.9 | 99.2 | 99.6         | 99.7      | 99.8 | 99.9 | 99.9 | 100.0 | 100.3        | 160.0 |         |
| > 100     |     | 94.4 | 95.4 | 96.3 | 98.1     | 98.9 | 99.2 | 99.6         | 99.7      | 99.8 | 99.8 |      | 160.0 |              |       |         |
| 2 0       |     | 94.4 | 95.4 | 96.3 | 98.7     | 98.9 | 99.2 | 99.6         | 99.7      | 99.8 | 99.8 | -    | 100.0 |              |       |         |

CE FAL CLIMATOLOGY GRANCH CONFETAC AT DEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

LAUFS A - AZ

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

| CELNO.    |             |      |      |        |             | _    | •·S  | B . ** ST | ATUTE MIL | ES    |         |       |                  |               |        |       |
|-----------|-------------|------|------|--------|-------------|------|------|-----------|-----------|-------|---------|-------|------------------|---------------|--------|-------|
| /*EE"1    | <b>≥</b> 10 | ≥6   | ≥5   | ≥ 4    | ≥ 3         | ≥2%  | 22   | ≥ - %     | ≥1%       | ≥1    | ≥ 4     | ≥%    | ≥ ∨              | ≥ 5/16        | ≥ %    | ≥.    |
| ONILES CH |             | 39.2 | 30.4 | 39.4   | 39.4        | 39.4 | 30.4 | 39.4      | 39.4      | 39.4  | 39.4    | 39.4  | 39.4             | 39.4          | 39.4   | 39.   |
| ≥ 20000   |             | -4.4 | 44.5 | 44.5   | 44.5        | 44.5 | 44.5 | 44.5      | 44.5      | 44.5  | 44.5    | 44.5  | 44.5             | 44.5          | 44.5   | 44.   |
| ≥ +8000   |             | 44.4 | 44.5 | 44.5   | 44.5        | 44.5 | 44.5 | 44.5      | 44.5      | 44.5  | 44.5    | 44.5  | 44.5             | 44.5          | 44.5   | 44.   |
| ≥ 18000   |             | 44.5 | 44.6 | 44.6   | 44.6        | 44.6 | 44.6 | 44.6      | 44.6      | 44.6  | 44      | 44.6  | 44.6             | 44.6          | 44.5   | 44.   |
| ≥ '4000   |             | 44.5 | 44.6 | 44.6   | 44.6        | 44.6 | 44.6 | 44.6      | 44.6      | 44.6  | 44.5    | 44.6  | 44.6             | 44.5          | 44.6   | 44.   |
| ≥ :2000   |             | 44.6 | 44.7 | 44.7   | 44.7        | 44.7 | 44.7 | 44.7      | 44.7      | 44.7  | 44.7    | 44.7  | 44.7             | 44.7          | 44.7   | 44,   |
| ≥ 10000   |             | 45.2 | 45.3 | 45.3   | 45.3        | 45.3 | 45.3 | 45.3      | 45.3      | 45.3  | 45.3    | 45.3  | 45.3             | 45.3          | 45.    | 45.   |
| ≥ 9000    |             | 45.2 | 45.3 | 45.3   | <u>45.3</u> | 45.3 | 45.3 | 45.3      | 45.3      | 45.3  | 4 4 9 7 | 45.3  | 45.3             | 45.3          | 45.3   | 45.   |
| ≥ 8000    | ·           | 46.4 | 45.5 | 46.6   | 46.6        | 46.6 | 46.6 | 46.6      | 46.6      | 46.6  | 46.4    | 46.6  | 40.6             | 46.5          | 46.4   | 46.   |
| ≥ 7000    |             | 45.4 | 46.5 | 46.6   | 45.6        | 46.6 | 46.6 | 46.6      | 46.6      | 46.6  | 46.6    | 46.6  | 46.6             | 46.6          | 45.6   | 45.   |
| ≥ 6000    |             | 45.4 | 46.5 | 46.6   | 46.6        | 46.6 | 46.6 | 46.6      | 46.6      | 46.6  | 46.t    | 46.6  | 46.6             | 46.5          | 45.6   | 40.   |
| ≥ 5000    |             | 46.4 | 46.5 | 46.6   | 46.6        | 46.6 |      | 46.6      | 46.6      |       | 46.6    |       |                  |               |        | 46.   |
| ≥ 4500    |             | 46.9 | 46.9 | 47.0   | 47.0        | 47.Q | 47.0 | 47.0      | 47.0      | 47.0  | 47.     | 47.0  | 47.3             | 47.           | 47.    | 47.   |
| £ 4000    |             | 57,4 |      | 57.6   | 57.6        | 57.6 | 57.6 | 57.6      | 57.6      | 57.6  | 57.6    | 57.6  | 57.6             | 57.6          | 57.5   | :7.   |
| ≥ 3500    | ļ           | 74.1 | 74.5 | 74 . 6 | 74.8        | 74.8 | 74.8 | 74.8      | -         |       | 74.8    | 74.8  | 74.9             | 74.           | 74.3   | 74.   |
| ≥ 3000    |             | 92.5 | 82.8 | 52.9   | 83.4        | 83.4 | 83.4 | 83.4      | 83.4      | 83.4  | 63.4    | £3.4  |                  | 83.4          | A 3.4  | 63.   |
| ≥ 2500    |             | 83.5 | 83.4 | 83.9   | 84.5        | 64.5 | 84.5 | 84.5      | 84.5      | 54.5  | 54.5    | 84.5  | U4.5             | 54.5          | ×4.5   | - 4 . |
| £ 2000    |             | 84.5 | 84.8 | 84.9   | 85.5        | 95.5 | 85.6 | 85.6      | 85.6      | 85.6  | 95.6    | A5.6  | 65.6             | 55.6          | 25.6   | ٤5.   |
| ≥ 800     |             | 64.6 |      | 85.2   | A5.7        | 85.7 | 85.8 | 85.8      | 85.8      | A5.8  | 25.8    | 35.6  | 65.8             | £5.8          | ₽5.a   | 85.   |
| ≥ 1500    |             | 89.1 | 89.9 | 90.1   | 91.1        | 01.1 | 91.3 | 91.3      |           |       | 91.3    | °1.3  |                  | 91.3          | 91.3   | 41.   |
| ≥ 1200    |             | 01.6 | 92.6 | 93.1   | 94.9        | 94.9 | 95.2 | 95.2      | 95.2      | 95.2  | 95.7    | 95.2  | 95.2             | ე5 • 2        | 95.2   | ^:5 • |
| ≥ ,000    |             | °2.6 | 93.9 | 94.3   | 96.4        | 96.4 |      |           |           |       |         |       | 76.8             | 95.0          | 96.3   |       |
| ≥ 90¢     | _           | 93.0 | 1    | 94.8   | 97.Q        |      |      | 97.5      | 1         |       | - 1     |       |                  | 97.5          | 97.5   | 97.   |
| ≥ 800     |             | 93.2 |      | 95.0   | 97.2        | 97.2 | 97.8 | 97.9      | 97.9      | 97.9  | 97.9    | 97.9  | 97.9             | 77.4          | 97.9   | 97.   |
| ≥ 700     |             | 03.4 | 94.8 | 95.3   | 97.8        | 97.8 | 98.3 | 78.4      | 98.4      | 98.4  | 98.4    | 98.4  | 98.4             | 98.4          | 98.4   | 9.8   |
| ≥ 600     |             | 94.0 | 95.3 | 96.4   | 98.4        | 98.4 | 99.0 | 99.1      | 99.1      | 99.1  | 99.1    | 99.1  | 93.1             | 99.1          | 99.1   | 99.   |
| ≥ 500     |             | 94.1 | 95.4 | 96.1   | 98.7        | 98.7 | 99.3 | 99.6      | 99.6      | 99.6  | 99.€    | 09.6  | 99.6             | 99.6          | y9.4   | 99.   |
| ≥ 40C     |             | 94.1 | 95.4 | 96.1   | 98.8        | 98.8 | 99.4 | 29.9      | 99.9      | 100.0 | 100.0   | 100.0 | 166.3            | <u>100.</u> 0 | 130.0  | 105.  |
| ≥ 300     |             | 94.1 | 95.4 | 96.1   | 98.8        | 98.8 | 99.4 | 99.9      | 99.9      | 100.0 | 100.0   | 100.0 | 100.0            | 100.0         | 100.0  | 100.  |
| ≥ 200     |             | 94.1 | 95.4 | 96.1   | 94.8        | 96.8 | 99.4 | 99.9      | 99.9      | 100.0 | 100.0   | 100.0 | <u>1 . C . D</u> | <u>170.</u> 0 | 150.0  | 100.  |
| > 100     |             | 74.1 | 95.4 | 76.1   | 93.8        | 98.8 | 99.4 | 99.9      | 99.9      | 100.0 | 100.0   | 100.0 | 100.0            | 100.0         | 1.70.0 | 100.  |
| ≥ 0       |             | 94.1 | 95.4 | 96.1   | 98.8        | 98.8 | 99.4 | 99.9      | 99.9      | 10c.d | 100.0   | 100.0 | 100.0            | 100.0         | 130.0  | tco.  |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 807

OL-SAL CLIMATOLOGY BRANCH AL WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1 2 1 LAUES AH AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| NO CEIUNG | ≥ .0 | _    |      |        |      |      | • • • | B 5  | ATUTE MILI | ES   |          |      |         |        |      |            |
|-----------|------|------|------|--------|------|------|-------|------|------------|------|----------|------|---------|--------|------|------------|
| NO CENING |      | ≥ 6  | ≥5   | ≥ 4    | ≥3   | ≥27  | ≥ ;   | ≥ ″  | ≥'%        | ≥.   | <u> </u> | ≥ %  | ≥ v     | ≥ 5/16 | ≥ 4  | <b>≥</b> € |
|           | _    | 33.7 | 30.4 | 30.8   | 30.8 | 30.9 | 30.8  | 36.6 | 30.8       | 30.8 | 37.4     | 30.8 | 3 8     | 30.8   | 30.8 | ₹6.9       |
| ≥ 20000   |      | 35.3 | 36.4 | 36.4   | 36.4 | 26.4 | 36.4  | 36.4 | 36 4       | 36.4 | 36.4     | 36.4 | 3 i . 4 | 36.4   | 36.4 |            |
| ≥ 18000   |      | 35.3 | 36.4 | 36 - 4 | 36.4 | 36.4 | 36.4  | 36.4 | 36.4       | 36.4 | 36.4     | 36.4 | 36.4    | 36.4   | 36.4 | 36.4       |
| ≥ 16000   |      | 36.4 | 36.5 | 36.5   | 36.5 | 36.5 | 36.5  | 36.5 | 36.5       | 36.5 | 36.5     | 30.5 | 36.5    | 36.5   | 36.5 | 30.5       |
| ≥ '4000   |      | 36.5 | 36.5 | 36.5   | 36.6 | 36.6 | 36.6  | 36.6 | 36.6       | 36.6 | 36.6     | 36.6 | 36.6    | 36.5   | 36.6 | 36.5       |
| ≥ .500€   |      | 37.1 | 37.1 | 37.1   | 37.2 | 37.2 | 37.2  | 37.2 | 37.2       | 37.2 | 37.2     | 37.2 | 37.2    | 37.2   | 37.2 | 37.2       |
| ≥ 1000C   |      | 33.1 | 39.2 | 38.2   | 38.2 | 38.2 | 38.2  | 78.2 | 38.2       | 30.2 | 38.2     | 38.2 | 38.2    | 36.2   | 34.2 | 30.2       |
| ≥ 9000    | _    | 38.3 | 33.3 | 38.3   | 38.3 | 38.3 | 38.3  | 38.3 | 38.3       | 38.3 | 36.3     | 35.4 | 38.4    | 38.4   | 39.4 | 78.4       |
| ≥ 8000    |      | 40.4 | 40.5 | 40.5   | 40.6 | 40.6 | 40.6  | 40.0 | 40.5       | 40.6 | 40.4     | 43.0 | 4 1.6   | 40.0   | 40.6 | 4 : 6      |
| ≥ 7000    |      | 40.5 | 43.6 | 40.6   | 40.7 | 40.7 | 40.7  | 40.7 | 40.7       | 46.7 | 40.7     | 40.7 | 43.7    | 40.7   | 40.7 | 7 و ن 4    |
| ≥ 6000    |      | 40.5 | 40.6 | 40.4   | 40.7 | 40.7 | 40.7  | 40.7 | 48.7       | 40.7 | 45.7     | 47.7 | 4' . 7  | 40.7   | 41.7 | 40.7       |
| ≥ 5000    |      | 40.6 | 40.7 | 40.7   | 40.8 | 40.8 | 45.8  | 46.8 | 42.8       | 40.8 | 40.8     | 40.8 | 4: . 8  | 40.8   | 40.8 | 4 Ç 👝 S    |
| ≥ 4500    |      | 41.6 | 41.7 | 41.8   | 41.9 | 41.8 | 41.8  | 41.8 | 41.4       | 41.4 | 41.5     | 41.8 | 41.8    | 41.8   | 41.9 | 41.0       |
| ž 4000    |      | 54.1 | 54.2 | 54.3   | 54.4 | 54.4 | 54.4  | 54.4 | 54.4       | 54.4 | 54.4     | 54.4 | 54.4    | 54.4   | 54.4 | 54.4       |
| ≥ 3500    |      | 74.4 | 74.8 | 74.9   | 75.1 | 75.1 | 75.1  | 75.1 | 75.1       | 75.1 | 75.1     | 75.2 | 75.2    | 75.2   | 75.2 | 75.2       |
| ≥ 3000    |      | 92.8 | 83.2 | 83.4   | 83.8 | 53.9 | 83.9  | 83.9 | 83.9       | 83.9 | 83.9     | 83.9 | 83.9    | 83.9   | 63.0 | ∶ ૩. ગ     |
| ≥ 2500    |      | 93.7 | 84.2 | 84.4   | 84.9 | 85.0 | 85.0  | 85.0 | 85.0       | 85.0 | 85.0     | 85.0 | a5.0    | ∂5.°   | 25.7 |            |
| ≥ 2000    | ]    | 94.7 | 85.2 | 35.5   | 86.1 | 86.2 | 36.2  | 86.2 | 86.7       | 86.2 | 86.2     | 86.2 | £6.2    | 86.2   | F6.2 | 56.2       |
| ≥ '800    |      | 94.9 | 85.5 | 95.8   | 86.5 | 86.5 | 86.5  | 26.5 | 86.5       | 86.6 | 86.6     | 86.6 | 86.6    | 86.6   | 85.6 | 50.5       |
| ≥ 1500    |      | 28.7 | 89.6 | 90.1   | 91.1 | 91.2 | 91.3  | 21.3 | 91.4       | 91.4 | 91.4     | 91.4 | 91.4    | 91.4   | 91.4 | 91.4       |
| ≥ 1200    |      | 91.0 | 91.9 | 92.6   | 94.1 | 94.2 |       | 94.5 | 94.6       |      | 94.5     | 94.6 | 94.6    | 04.6   | 94.6 | 94.5       |
| ≥ ،000    |      | 92.1 | 93.2 | 93.9   | 95.6 | 95.8 | 96.2  | 96.3 | 96.3       | 96.4 | 96.4     | 96.4 | 96.4    | 96.4   | 96.4 | 26.4       |
| ≥ 900     |      | 72.4 | 93.9 | 94.2   | 96.1 | 96.3 | 96.7  | 96.9 | 96.9       | 96.9 | 96.9     | 97.0 | 97.0    | 97.    | 97.7 | 97.        |
| ≥ 800     |      | 92.8 | 93.9 | 94.6   | 96.6 | 96.8 | 97.3  | 97.5 | 97.5       | 97.6 | 97.6     | 97.6 | 97.6    | 97.6   | 97.6 | 97.6       |
| ≥ 700     |      | 73.1 | 94.1 | 74.9   | 96.9 | 97.1 | 97.6  | 97.9 | 98.0       | 98.1 | 98.1     | 98.1 | 98.1    | 98.1   | 98.1 | 98.1       |
| ≥ 600     |      | 93.2 | 94.4 | 95.1   | 97.2 | 97.4 | 98.d  | 98.3 | 98.4       | 96.6 | 98.6     | 98.6 | 98.6    | 98.6   |      | 98.5       |
| ≥ 500     |      | 93.3 | 94.5 | 95.3   | 97.5 | 97.7 | 98.4  | 98.8 | 98.8       |      | 99.1     | 99.1 | 99.1    | 79.1   | 99.1 | 99.1       |
| ≥ 40C     |      | 93.3 | 94.6 |        | 97.5 |      |       | 99.0 | 99.1       |      | 99.3     |      |         |        | 99.4 | 79.4       |
| ≥ 300     |      | 93.4 | 94.6 | 95.3   | 97.5 | 97.8 | 98.6  | 99.1 | 99.2       | 99.4 | 99.4     | 99.5 | 99.6    | 99.6   | 99.6 | 99.6       |
| ≥ 200     |      | 93.4 | 94.6 |        | 97.5 | 1    | - 1   | 99.1 |            |      | 99.5     |      |         | 99.7   |      | 99.7       |
| > 100     |      | 03.4 |      | 95.3   | 97.5 |      |       | 99.1 |            | 99.5 | 99.6     | 99.7 | 99.8    | 99.8   |      | 99.€       |
| 2 0       |      | 93.4 |      | 7      | 97.6 |      |       | 99.2 |            | 99.6 |          |      |         | 99.9   | -    | 1 0.3      |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

7189

HE S'AL CLIMATOLOGY BRANCH ON STETAC AT REATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1 2 1 LAJES AS AZ

71-60

700 = ( L.S.T.)

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| 184 N/3              |               |              |              |              |              |              | <b>•</b> 15  | B . ' • 5"   | ATUTE MIL        | E S          |              | _          |                 |              |              |                |
|----------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|------------|-----------------|--------------|--------------|----------------|
| /FEE"1               | ≥15           | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2%          | ≥ ;          | ≥ ″          | ≥1%              | >,           | ≥ 4          | ≥%         | ≥ v             | ≥5/16        | ≥ 4          | ≥ડ             |
| NO CEIUNG<br>≥ 2000C |               | 4 3 . 3      | 48.4<br>50.4 | _            | _            |              | 48.4<br>50.4 | 48.4<br>50.4 |                  | 1            | 4£.4<br>50.4 | <b>1</b> 1 | 4 - 4<br>50 • 4 |              | 48.4<br>53.4 | 4 5 4<br>5 5 4 |
| ≥ 18000<br>≥ 16000   |               | 3            | 50.4         |              | 5~.4         | 50.4         | 57.4         | .D.4         | 50.4             | 50.4         | 50.4<br>50.4 | 50.4       | 50.4<br>50.4    | 50.4         | 50.4         | 50.4           |
| ≥ 14600<br>≥ 12000   |               | 50.4         | 50.4         | 50.4         | 50.4         | 50.4         | 50.4         | 50.4         | 50.4             | 50.4         | 50.4         | 50.4       | 53.4            | 50.4         | 57.4         | 50.4           |
| ≥ '9000'<br>≥ 9000'  |               | 50.7         | 50.A         | 50.8         | 50.8         | 50.8         | 50.5<br>50.8 | 50.8         | 50 · A           |              | _            | 57.4       | 5°•5            | F.O. A       |              | 53.6           |
| ≥ 8000<br>≥ 7000     |               | 51.9         | 52.0         | 52.0         |              | 52.0         | 52.0         | 51.1<br>52.0 |                  | 51.1<br>52.0 |              | 52.0       | 51.1            | 52.          | 51.1         | F2.0           |
| ≥ 6000<br>≥ 5000     |               | 51.9         | 52.0         |              | 52.0         | 52.0         | 52.0         | 52.0         | 52.7             | 52.0         | 52.0         | 52.0       | 52.0            | 52.          | 52.0         | 5200           |
| ≥ 4500<br>≥ 4000     |               | 52.1         | 52.2<br>52.4 | 52.4         | 52.4         |              | 52.4         | 52.4         |                  | 52.4         | 52.4         | 52.4       | 52.4            | 52.4         |              | 52.4           |
| ≥ 3500<br>≥ 3000     |               | 64.9<br>25.3 | 86.8         |              | 87.0         | 87.0         | 87.0         | 87.0         |                  | 87.0         | 87.          | 67.3       | 87.3            | 55.2<br>∃7.J | 37.0         | 65.2           |
| ≥ 2500<br>≥ 2000     |               | 93.3         | 94.1         | 94.3         | 94.4         |              | 94.4         | 94.4         | 94.4             | 94.4         | 94.4         | 1          | 91.4            | C4.4         | 24.4         | 93.2<br>54.4   |
| ≥ '800<br>≥ 1500     |               | 94.0         |              | 94.7         |              | 94.8<br>95.0 | 94.8         |              | 94 • 8<br>95 • 0 | 95.0         | -            | 95.0       | 95.0            | 95.0         | 45.          | 94.3           |
| ≥ 1200               | <del></del> - | 97.1         | 97.7<br>98.2 | 98.4<br>98.4 | 98.1<br>98.5 |              | 98.6         | 98.6         |                  | 98.6         |              | 99.1       | 98.5            |              |              |                |
| ≥ .000<br>≥ 900      |               | 97.4         |              | 98.8         |              |              |              |              | 99.5             |              |              | 99.5       |                 |              |              |                |
| ≥ 800<br>≥ 700       | -             | 97.4         |              | 78.9<br>98.9 |              |              |              |              |                  |              |              | 100.0      |                 |              |              |                |
| ≥ 600<br>≥ 500       |               | 77.4         |              | 98.9<br>98.9 |              |              | 99.7         | 100.0        | 100.0            | 100.0        | 100.0        | 100.0      | 100.0           | 100.3        | 100.0        | 100.0          |
| ≥ 400<br>≥ 300       | -             | 97.4         | 98.7         | 98.9         |              |              | 99.7         | 100.0        | 100.0            | 100.0        | 100.0        | 130.0      | 100.0           | 100.0        | 100.0        |                |
| ≥ 100<br>≥ 100       | <del></del>   | 27.4         | 98.7         | 78.9<br>98.9 | 99.5         |              | 99.7         | 100.0        | 100.0            | 100.0        | 100.0        | 100.0      | 100.0           | 138.3        | 100.0        | 100.0          |
| ≥ 0                  |               | 97.          |              |              |              |              |              |              |                  |              |              | 100.0      |                 |              |              |                |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

SE HAL CLIMATOLOGY BRANCH. L'ARETAC AT REATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1 2 1 LAJES AT AZ

71=83

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

| ″E . №/5            |                                       |              |              |                  |              |              | ٠٠S          | B. " 5"      | ATUTE MIL    | E S          |              |              |                |              |                         |                       |
|---------------------|---------------------------------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|-------------------------|-----------------------|
| 1986.1              | ≥.0                                   | ≥ 6          | ≥ 5          | ≥ 4              | 23           | ≥3%          | ≥ ;          | ≥ 4,         | ≥1%          | ≥'           | 2 4          | ≥%           | 2 ′            | ≥ 5′′6       | 2.6                     | <b>≥</b> ∶            |
| NO 18000<br>≥ 20000 |                                       | 46.3<br>47.1 | 45.1         | 46.3<br>47.1     | 4 · • 3      |              | 46.3<br>47.1 | 46.3         | 46.3<br>47.1 | 46.3         | 46.7<br>47.1 |              |                | 46.3<br>47.1 | 45.7                    | 46.5                  |
| ≥ 18000<br>≥ 5000   |                                       | 47.1<br>47.1 | 47.1<br>47.1 | 47.1             | 47.1<br>47.1 | 47.1         | 47.1<br>47.1 |              | 47.1<br>47.1 | 47.1<br>47.1 | 47.1<br>47.1 | 47.1<br>47.1 | 47.1<br>47.1   |              | 47.1<br>47.1            | 47.1                  |
| ≥ 14000<br>≥ 12000  |                                       | 47.1<br>47.3 | 47.1         | 47.1<br>47.3     | 47.1<br>47.3 | 47.1         | 47.1<br>47.3 | 47.1         | 47.1<br>47.3 | 47.1<br>47.3 | 47.1         |              |                | 47.1<br>47.3 | 47.1                    | 47.1<br>47.3          |
| ≥ °0000<br>≥ °0000  |                                       | 43.0<br>45.1 | 43.0<br>48.1 | 40.0<br>43.1     | 49.0<br>40.1 | 48.1<br>48.1 | 48.7         | 48.U<br>48.1 | 48.0<br>48.1 | 46.3<br>46.1 | 4ዩ.7<br>48.1 | 49.3<br>49.1 | 40.7<br>40.1   | 45.          | 49.0                    | 47.00<br>43.1         |
| ≥ 8000<br>≥ 1000    |                                       | 47.9<br>"D.1 | 50.1<br>50.2 | 50 • 1<br>50 • 2 | 50.1<br>50.2 | 50.1<br>50.2 | 50.1<br>50.2 | 50.2         |              | 50.1<br>50.2 | 50.1<br>50.2 | 50.1<br>50.2 | 57.1<br>55.2   | 5 C • 2      | 50.2                    | 73.1<br>1.0.2         |
| ≥ 6000<br>≥ 5000    |                                       | 50.1<br>54.1 | 57.2<br>50.2 | 50.2<br>50.2     |              | 50.2<br>50.2 | 50.2<br>50.2 |              |              | 50.2<br>50.2 | 50.2<br>50.2 | 50.2<br>50.2 |                |              |                         | ົບ•.?<br>ໂບ•?         |
| ≥ 4500<br>2 4000    |                                       | 50.4<br>€4.6 |              | 50.5<br>65.0     |              | 53.5<br>65.0 | 50.5<br>65.0 |              | 1            | 50.5<br>65.0 | 50.5<br>65.0 |              | 50.5<br>65.3   |              |                         | 55.∪                  |
| 2 3500<br>≥ 3000    |                                       | 15.6<br>12.0 | 92.1         | 86.0<br>92.7     |              | 36.2<br>92.9 | 92.9         | 92.9         | 1            | 86.2<br>92.9 |              | 92.9         | 92.9           | 65.0         |                         | 2 <b>6.</b> €<br>02.9 |
| ± 2500<br>± 2000    | _                                     | 92.5         | 93.0         |                  | 93.6         |              | 93.6<br>93.8 | 93.8         | 93.A         | 93.8         | 93.9         |              | 91.8           | 93.          | 97.8                    |                       |
| ≥ 1800<br>≥ 1500    | ļ                                     | 93.0<br>95.4 | 96.0         | 36.7             | 97.1         |              |              |              | 97.3         |              | 97.3         | 97.3         | 57.3           | 97.3         | 47.3                    | 97.3                  |
| ≥ 1200<br>≥ 1000    |                                       | 95.9<br>96.0 | 96.5         |                  | 98.5         | 98.7         | 98.8         | 98.9         | 98.9         |              | 98.9         | 98.9         | 99.0           | 39.0         | 79.1                    | 93.7                  |
| ≥ 900<br>≥ 800      |                                       | 96.1         | 97.1         |                  | 99.0         | 98.9         | 99.6         |              | 99.7         |              | 99.7         | 99.7         | 99.8           | 59.0         | 99.9                    | 99.                   |
| ≥ 700<br>≥ 600      | · · · · · · · · · · · · · · · · · · · | 96.1<br>96.1 | 97.1         | 78.0             | 99.0         |              | 99.6         | 99.1         | 99.7         | -            | 99.9         | 99.9         | 100.0<br>100.0 | 100.0        | 100.0<br>100.0          | 1                     |
| ≥ 500<br>≥ 400      |                                       | 76.1<br>96.1 | 97.1         | 98.0             | 99.0         | 99.2         | 99.6         | 99.7         | 99.7         | 99.9         | 99.9         | 99.9         | 188.0<br>188.0 | 100.0        | 100.7<br>100.7<br>100.7 |                       |
| ≥ 300<br>≥ 200      |                                       | 76.1<br>96.1 | 97.1         | 98.0             | 99.0         |              |              | 99.7         | 99.7         | 99.9         | 99.9         | 99.9         | 130.0<br>130.0 | 100.0        | 100.0                   | 100.J                 |
| > 100<br>> 0        |                                       | 96.1<br>96.1 | 97.1<br>97.1 | 98.0<br>98.0     |              | 99.2         | 99.6         | 99.7         | 1            | . • .        | _            |              | 100.0          |              |                         |                       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

AT SCATHER SERVICEZMAC

### CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| <b>15. √</b> 2 |     |       |         |        |      |        | v·S  | B . " 5" | ATUTE MIL | E 5   |              |       |         |         |       |              |
|----------------|-----|-------|---------|--------|------|--------|------|----------|-----------|-------|--------------|-------|---------|---------|-------|--------------|
| 1566.1         | ≥ 0 | ≥6    | ≥5      | ≥4     | ≥ }  | 22%    | ≥ ;  | ≥ ½      | ≥′¼       | ≥,    | ≥ 4          | ≥ %   | 27      | ≥ 5 · 6 | 2 *   | ≥.:          |
| Nº ELN         |     | 31    | 34.1    | 3e . 1 | 34.1 | 3t • 1 | 35.1 | 36.1     | 35.1      | 36.1  | 36.1         | 36.1  | 31      | 76.1    | 35.1  | ₹6.1         |
| ≥ 20000        |     | 3 - 7 | 32.7    | 38.7   | 3:07 | 35.7   | 38.7 | 38.7     | 38.7      | 32.7  | 38.7         | 36.7  | 39.7    | 33.7    | 35.7  | 38.7         |
| ≥ 18000        |     | 7 4.7 | 3 h . 7 | 36.7   | 30.7 | 33.7   | 3₽.7 | 78.7     | 39.7      | 36.7  | 34.7         | 39.7  | 3 ^ • 7 | 38.7    | 34.7  | 73.7         |
| \$ 6,000       |     | 3 . 7 | 30.7    | 38.7   | 3 7  | 36.7   | 39.7 | 78.7     | 38.7      | 30.7  | 30.7         | 35.7  | 30.7    |         |       | 76.7         |
| ≥ '4000        |     | 30.9  | 34.4    | 30 ⋅ 8 | 38.8 | 38.3   | 38.8 | 38.8     | 30 . B    | 38.€  | 30.0         |       | 35.08   | 38 • S  |       | 36.          |
| ≥ 2000         |     | 39.0  | 37.     | 39.0   | 39.0 | 39.0   | 39.0 | 39 · J   | 39.0      | 39.0  | 30.          | 30.0  | 35.0    | 79.     | 30.3  | 7 )          |
| ≥ 19000        |     | 43.0  | 47.0    | 40.0   | 46.7 | 40.5   | 40.0 | 40.0     | 1         | 45.0  | 40.0         | 40.0  | 40.0    | 40.0    | 45.0  | 4 L . "      |
| ≥ 900¢         |     | 40.0  | 40.0    | 40.0   | 47.0 | 40.0   | 40.0 | 40.0     | 40.0      | 40.5  | <b>40.</b> 0 | 40.0  | 41.0    | 43.3    | 4~,~  | 4            |
| ≥ 8000         | İ   | 42.7  | 42.7    | 42.7   | 42.7 | 42.7   | 42.7 | 42.7     | 42.7      | 42.7  | 42.7         | 42.7  | 42.7    | 42.7    | 42.7  | 42.7         |
| ≥ '000         |     | 42.7  | 42.7    | 42.7   | 42.7 | 42.7   | 42.7 | 42.7     | 42.7      | 42.7  | 42.7         | 42.7  | 42.7    | 42.7    | 42.7  | 4207         |
| ≥ 6000         |     | 42.7  | 42.7    | 42.7   | 42.7 | 42.7   | 42.7 | 42.7     | 42.7      | 42.7  | 42.7         | 42.7  | 42.7    | 42.7    | 47.7  | 42.7         |
| ≥ 5000         |     | 42.7  | 42.7    | 42.7   | 42.7 | 42.7   | 42.7 | 42.7     | 42.7      | 42.7  | 42.7         | 42.7  | 42.7    | 42.7    | 42.7  | 42.7         |
| ≥ 4500         |     | 43.1  | 43.1    | 43.1   | 43.1 | 43.1   | 43.1 | 43.1     | 43.1      | 43.1  | 43.1         | 43.1  | 43.1    | 43.1    | 43.1  | 43.1         |
| ± 4000         |     | 61.0  | 61.0    | 51.0   | 61.0 | 41.0   | 61.0 | 61.0     | 61.0      | 61.0  | 61.          | 61.00 | 61.0    | £1.3    | 51."  | (1)          |
| 2 3500         |     | 5.3   | 86.1    | 86.2   | 86.3 | 55.3   | 86.3 | 26.3     | 86 . 7    | P6.3  | 86.7         | 96.3  | 66.3    | 86.3    | 56.3  | -0.3         |
| ≥ 3000         |     | ಿ2•5  | 93.2    | 93.9   | 43.8 | 93.8   | 93.8 | 93.8     | 93.8      | 93.8  | 93.5         | 93.8  | 93.6    | 93.€    | 73.P  | 03.3         |
| ≥ 2500         |     | 92.9  | 93.9    | 94.1   | 94.3 | 94.3   | 74.3 | 94.3     | 94.3      | 94.3  | 54.3         | 74.3  | 44.3    | 74.3    | 24.7  | 24.2         |
| £ 2000         |     | 73.2  | 94.1    | 94.4   | 94.6 | 94.6   | 94.6 | 94.6     | 94.6      | 94.6  | 94.6         | 24.5  | 94.6    | 74.6    | 24,5  | ر نو په د    |
| ≥ 800          |     | 93.4  | 94.3    | 94.6   | 94.8 | 94.8   | 94.8 | 94.8     | 94.5      | 94.8  | 94.5         | 94.5  | 94.8    | 94.0    | 94.°  | 94.4         |
| 2 1500         |     | 75.6  | 96.7    | 97.1   | 97.4 | 97.4   | 97.4 | 97.4     | 97.4      | 97.4  | 97.4         | 97.4  | 97.4    | 97.4    | 47.4  | ¢7.،         |
| ≥ 1200         |     | 75.2  | 97.3    | 97.8   | 98.3 | 98.3   | 98.4 | 08.4     | 98.4      | 98.5  | 98.5         | 98.5  | 49.5    | 39.5    | +4.5  | <u> </u>     |
| ≥ .000         |     | 96,2  | 97.3    | 97.8   | 98.8 | 98.8   | 98.9 | 96.9     | 98.9      | 99.   | 99.          | 99.6  | 99.     | 99.3    | 90.0  | 94.          |
| £ 900          |     | 76.3  | 97.4    | 98.0   | 99.1 | 99.1   | 99.2 | 99.4     | 99.4      | 99.5  | 99.5         | 99.5  | 49.5    | 09.5    | 33°c  | 79.          |
| 2 BCG          |     | 26.4  | 97.6    | 98.2   | 99.5 | 99.5   | 99.7 | 99.8     | 99.8      | 99.9  | 99.9         | 99.9  | 49.0    | 99.7    | 99.3  | 9.5          |
| 2 700          |     | 95.4  | 97.6    | 28.2   | 99.5 | 99.5   | 99.7 | 99.8     | 99.R      | 99.9  | 90.¢         | 99.9  | 99.3    | 9.9     | 10.0  | <b>39</b> €0 |
| ≥ 600          |     | 76.4  | 97.6    | 98.2   | 99.5 | 99.5   | 99.7 | 99.8     | 99.8      | 99.9  | 99.9         | 99.9  | y9.9    | 99.7    | 99.9  | 99.9         |
| ≥ 500          |     | 76.4  | 97.6    | 98.2   | 99.5 | 99.5   | 99.7 | 99.8     | 99.8      | 99.9  | 99.9         | 99.9  | 99.9    | 39.9    | 09.0  | 33.3         |
| ≥ 400          |     | 75.4  | 97.6    | 98.2   | 99.6 | 99.6   | 99.9 | 99.9     | 99.9      | 105.0 | 100.0        | 100.0 | 100.0   | 100.3   | 1,0.5 | າວວ•ວ        |
| ≥ 300          |     | 96.4  | 97.6    | 98.2   | 99.6 | 9.6    | 99.8 | 99.9     | 99.9      | 100.2 | 100.0        | 100.0 | 100.0   | 160.0   | 100.0 | 137.0        |
| ≥ 200          |     | 96.4  | 97.4    | 98.2   | 99.6 | 99.6   | 99.8 | 99.9     | 99.9      | 100.0 | 100.0        | 100.0 | 130.0   | 1:0.0   | 100.0 | 172.cl       |
| 2 100          |     | ₹6.4  | 97.6    | 98.2   | 99.6 |        |      |          | 99.9      |       |              |       |         |         |       |              |
| ≥ 0            |     | 26.4  | 97.6    | 98.2   | 99.6 | 99.6   |      |          | 99.9      |       | _            |       |         | _       |       |              |

SE PAL CLIMATOLOGY PRANCH CAFETAC AT AEATHER SERVICE MAC

### CEILING VERSUS VISIBILITY

1 2 1 LAJES AS AT

71-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CELLNO               |      |              |              |              |              |      | <b>.</b> ≀S      | B . TY 5"    | ATUTE MIL    | ES           |              |               |                    |              |                |                |
|----------------------|------|--------------|--------------|--------------|--------------|------|------------------|--------------|--------------|--------------|--------------|---------------|--------------------|--------------|----------------|----------------|
| (FEE')               | ≥ :0 | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥2%  | 2.2              | ≥ ′′.        | ≥1%          | <u>≯</u> 1   | 2 %          | ≥%            | 2 /                | ≥5/16        | 2.4            | ≥د             |
| NO CEUNC:<br>≥ 20000 |      | 33           | 34.7<br>42.2 | 36 + 3       | 34.3         |      | 38 • 3<br>42 • 2 | 33.3<br>42.2 | 38.3         | 35.3<br>42.2 | 31.1         | 30.3          | 3 - • 3<br>4 2 • 2 | 38.3         | 3r • 1         | 8.0            |
| 2 18000<br>≥ 4000    |      | 42.2         | 42.2         | 42.2         | 42.2         | 42.2 | 42.2             | 42.2         | 42.2         | 42.2         | 42.2         | 42.2          | 41.2               | 42.2         | 42.2           | 42             |
| ≥ '4000              |      | 42.4         | 42.4         | 42.4         | 42.3         | 42.3 | 42.4             | 42.4         | 42.4         | 42.4         | 47.4         | 42.5          | 42.3               | 42.4         | 42.4           | 42.3           |
| ≥ 12000              |      | 42.7         | 42.7         | 42.7         | 42.7         | 42.7 | 44.3             | 42.7         | 42.7         | 42.7         | 42.7         | 42.7          | 42.7               | 44.3         | 42.7           | 42.7           |
| ≥ 9000<br>> 8000     |      | 4 2 3        | 48.3         | 1            | 1            | 1 7  | 48.3             |              |              | 44.4         | 44.4         | 44.4          | 44.4               | 44.4         |                | 45.7           |
| ≥ 7000               |      | 44.3         | 4 5 . 3      | 46.3         | 46.3         | 48.3 | 48.3             | 48.3         | 48.3         | 48.3         | 40.3         | 40.3          | 45.3               | 46.3         | , , ,          | 4: •           |
| ≥ 6000<br>≥ 5000     |      | 43.3<br>43.4 | 48.3<br>48.4 | 48.3<br>48.4 | 45.4         | 48.3 | 48.3<br>48.4     | 46.3         | 49.3         | 4£.3         | 44.3<br>46.4 | 43.3<br>48.4  | 4-,3               | 48.3<br>48.4 | 45.5           | 4              |
| ≥ 4500<br>± 4000     |      | 16.2         | 44.7<br>66.3 | 48.7         | 46.7<br>66.3 | 46.7 | 48.7<br>66.3     | 48.7<br>66.3 | 48.7<br>66.3 | 46.7<br>66.3 | 48.7<br>66.3 | 49.7          |                    | 42.7<br>66.2 | 44.7<br>56.7   | 60.7<br>13.€3  |
| ≥ 3500<br>≥ 3000     |      | 98.5<br>71.6 | 86.7<br>91.8 | 88.7<br>92.1 | 89.1         | 29.1 | 89.2<br>92.7     | 89.2<br>92.7 | 89.2<br>92.7 | 89.2<br>92.7 | 89.7         | 99.2          | 8° • 2             | 89.1<br>52.7 | - î            | 7.1            |
| 2 2500<br>2 2000     |      | 71.7         | 41.9         | 72.2         | 92.7         | 22.7 | 92.8             | 92.8         | 92.8         | 35.8         | 92.1         | 92.5          | 9.3                | 92.5         | 77.3           |                |
| ≥ 1800<br>≥ 1500     |      | 72.9<br>42.9 |              | 93.4         | 94.2         | 94.2 | 94.3             | 94.3         | 94.3         | 04.3         | 94.3         | 94.3          | 94.3               |              | 74.3<br>74.3   | 4 . 7          |
| ≥ 1200               |      | 76.2         | 95.1<br>96.5 | 97.0         | 96.5<br>98.1 | 28.1 | 96.7             | 96.7         | 96.4         | 96.8<br>91.4 | 96.4         | 96.8<br>98.4  | 96 • 3<br>93 • 4   |              | 70.4           | 36.4           |
| 300 ≤                |      | 76.4         | 96.7         | 97.3<br>97.3 | 98.4         | 98.4 | 98.7             | 98.7         | 98.9         | 96.8         | 98.5         | 99.3          | 98.8               | 93           | 79.0           | 36.5           |
| ≥ 800<br>≥ 700       |      | 76.4         | 96.1         | 97.3         | 98.4         | 98.4 | 98.7             | 99.          | 99.1         | 99.1         | 90.1         | 99.2          | 99.1<br>99.2       | 99.1         | 99.1           | 79.1           |
| ≥ 600                | <br> | 96.4         | 96.9         | 97.3         | 98.4         | 98.4 | 98.7             | 99.1         | 99.4         | 99.4         | 99.5         | 99.5          | ¥9.6               | 49.6         | 90.5           | 29.6           |
| ≥ 500<br>≥ 400       |      | 76.4         | 96.9         | 97.3         | 96.4         | 78.4 | 98.7<br>98.7     | 99.1         | 99.4         | 99.7         | 90.R         | $\overline{}$ | 99.9               | 99.3         | 99.9           |                |
| ≥ 300<br>≥ 290       |      | 76.4         | 96.9         | 97.3         | 98.4         | 98.4 | 98.7<br>98.7     | 99.1         | 99.4         | 99.7<br>99.8 | _            | 99.8          |                    | •            | 39.3<br>130.∩  | 00.9<br>1 u. j |
| > 100<br>; 0         |      | 75.4<br>75.4 |              | 97.3         | 98.4         | 98.4 | 98.7<br>98.7     | 99.2         | 99.5         |              | - 1          | - 1           |                    |              | 100.9<br>100.9 |                |

TOTAL NUMBER OF OBSERVATIONS

PL FAL CLIMATOLOGY RRANCH PROPERTY OF THE TAC

AL MEATHER SERVICEZMAC

#### CEILING VERSUS VISIBILITY

1 2 1 LAUFS AN AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| TELNO      |       |             | <del>-</del> |      |      |      | . \$ | B . TV 5T | ATUTE MIL | ES.   |       |       |       |       |         |               |
|------------|-------|-------------|--------------|------|------|------|------|-----------|-----------|-------|-------|-------|-------|-------|---------|---------------|
| 12EE*)     | ≥ '\$ | ≥6          | ≥ 5          | ≥ 4  | ≥ 3  | ≥2%  | ≥;   | ≥ 4       | ≥1%       | 5,    | ≥ 4   | ≥ %   | ≥ ٧.  | ≥5/10 | 2 4     | ≥ડ            |
| NO TEUNG   |       | 4           | 47.4         | 40.4 | 40.4 | 40.4 | 43.4 | 40.4      | 40.4      | 40.4  | 40.4  | 40.4  | 44    | 40.4  | 4.1.4   | 40.4          |
| ≥ 20000    |       | 4 - 1       | 45.1         | 45.1 | 45.1 | 45.1 | 45.1 | 45.1      | 45.1      | 45.1  | 45.1  | 45.1  | 45.1  | 45.i  | 45.1    | 45.1          |
| ≥ 18000    |       | 45.1        | 45.1         | 45.1 | 45.1 | 45.1 | 45.1 | 45.1      | 45.1      | 45.1  | 45.1  | 45.1  | 4 - 1 | 45.1  | 45.1    | 45.1          |
| > 9.00     |       | 45.1        | 45.1         | 45.1 | 45.1 | 45.1 | 45.1 | 45.1      | 45.1      | 45.1  | 45.1  | 45.1  | 45.1  | 45.1  | 45.1    | 45.1          |
| ≥ '4000    |       | 45.1        | 45.1         | 45.1 | 45.1 | 45.1 | 45.1 | 45.1      | 45.1      | 45.1  | 45.1  | 45.1  | 45.1  | 45.1  | 45.1    | 45.1          |
| ≥ 2000     |       | 45.5        | 45.5         | 45.5 | 45.5 | 45.5 |      | 45.5      |           | 45.5  |       | 45.5  |       |       |         |               |
| ≥ '0000' ≤ |       | 47.7        | 47.7         | 47.7 | 47.7 | 47.7 | 47.7 | 47.7      | 47.7      | 47.7  | 47.7  | 47.7  | 47.7  | 47.7  | 47.7    | 47.7          |
| ≥ 9000     |       | 47.7        | 47.7         | 47.7 | 47.7 | 47.7 | 47.7 | 47.7      | 47.7      |       |       | 47.7  | 47.7  | 47.7  | 47.7    | 47.7          |
| ≥ 8000     |       | 50.6        | 50.6         | 55.6 | 50.6 | 50.6 | 50.6 | 50.6      | 50.6      | 50.6  | 50.6  | 50.5  |       | 50.0  | 4       | 50 <b>.</b> 6 |
| ≥ 7900     |       | 50.6        | 50.6         | 50.6 | 50.6 |      |      | 50.6      | 50.6      | 50.6  | 50.t  | 50.6  | 50.6  | 5000  | 50.6    | 1006          |
| ≥ 6000     |       | 50.6        | 50.6         | 50.6 | 50.6 | 50.6 | 50.6 | 50.6      | 57.6      | 50.6  | 50.6  | 50.6  | 50.6  | 53.5  | 50.6    | 53.5          |
| ≥ 5000     |       | 50.9        | 50.9         | 50.9 | 50.9 | 50.9 | 50.9 | 50.9      | 55.9      | 50.9  | 50.9  | 5C.9  | 50.7  | 50.9  | 50.9    | 10.5          |
| ≥ 4500     |       | 1.1         | 51.1         | 51.1 | 51.1 | 51.1 | 51.1 | 51.1      | 51.1      | 51.1  | 51.1  | 51.1  | 51.1  | 51.1  | 51.1    | 11.1          |
| ≥ 400C     |       | 60.7        | 68.8         | 65.9 | 65.9 | 68.9 | 68.9 | 68.9      | 68.9      | 68.9  | 68.9  | 68.9  | 69.9  | 68.9  | 60.9    | 65.9          |
| ≥ 3500     |       | 91.1        | 91.3         | 91.4 | 91.5 | 91.5 | 91.5 | 91.5      | 91.5      | 91.5  | 91.5  | 91.5  | 91.5  | 91.5  | 21.5    | 91.5          |
| ≥ 3000     |       | <u> </u>    | 93.2         | 93.3 | 93.4 | 93.4 | 93.4 | 93.4      | 93.4      | 93.4  | 93.4  | 23.4  | 93.4  | 43.4  | y 3 . 4 | 93.4          |
| ≥ 2500     |       | ÷3•₫        | 93.2         | 93.3 | 93.4 | 93.4 | 93.4 | 93.4      | 93.4      | 93.4  | 93.4  | 93.4  | 93.4  | 73.4  | +3.4    | 23.4          |
| ≥ 2000     |       | <b>c3.5</b> | 93.9         | 94.0 | 94.2 | 94.2 | 94.2 | 94.2      | 94.2      | 04.2  | 94.2  | 04.2  | 94.2  | 24.2  | 24.2    | 94.2          |
| ≥ 1800     |       | _≎3•a       | 94.1         | 74.2 | 94.4 | 94.4 | 94.4 | C4.4      | 94.4      | 94.4  | 94.4  | 94.4  | 94.4  | 04.4  | 94.4    | C4.4          |
| ≥ 1500     |       | ¢5.2        | 95.6         | 96.0 | 96.3 | 96.3 | 96.3 | 96.3      | 96.3      | 96.3  |       |       |       |       | 96.3    | <u>~6.3</u>   |
| ≥ 1200     |       | 96.7        | 97.6         | 98.2 | 98.9 | 99.0 | 99.1 | 99.1      | 99.1      | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 39.1    | 99.1          |
| ≥ .000     |       | 96.7        | 97.7         | 78.3 | 99.0 | 99.1 |      | 99.2      |           |       | 99.2  | 99.2  | 99.2  |       |         | 79.2          |
| ≥ 90¢      |       | 66.7        | 97.7         | 98.3 | 99.Q | 99.1 | 99.2 | 99.2      | 99.2      | 99.2  | 99.2  | 99.2  | 99.2  | 09.2  | 39.7    | 99.7          |
| 2 800      |       | 96.8        | 97.8         | 98.4 | 99.1 | 99.2 | 99.5 | 99.6      | 99.7      | 99.7  | 99.7  | 99.7  | 99.7  | 29.7  | 39.7    | 09.7          |
| ≥ 700      |       | 96.8        | 97.8         | 98.4 | 99.1 | 99.2 | 99.5 | 99.6      | 99.7      | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7    | 29.7          |
| ≥ 600      |       | 96.8        | 97.8         | 98.4 | 99.1 | 99.2 | 99.5 | 99.6      | 99.7      | 99.9  | 99.9  | 79.9  | 99.9  | 99.9  | 99.9    | 99.9          |
| ≥ 500      |       | ?6∙8        | 97.8         | 98.4 | 99.1 |      |      | 99.6      | 99.7      | 99.9  | 99.9  | 99.9  | 99.9  | 99.0  | 99.9    | 99.7          |
| ≥ 40C      |       | 76.8        | 97.A         | 98.4 | 99.1 |      |      | 99.6      | 99.7      | 100.0 | 100.0 | 100.0 | 103.0 | 100.0 | 100.0   | 175.5         |
| ≥ 300      |       | 96.8        | 97.8         | 98.4 | 99.1 | 99.2 | 99.5 | 99.6      | 99.7      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0         |
| ≥ 200      |       | ი6∙6        | 97.4         |      |      |      | 99.5 | 99.6      | 99.7      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.D   | 100.0         |
| > 100      |       | 96.8        | 97.8         | 98.4 | 99.1 | 79.2 | 99.5 | 99.6      | 99.7      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 100.0         |
| 2 0        |       | 96.8        | 97.8         | 98.4 | 99.1 | 99.2 | 99.5 | 99.6      | 99.7      | 100.0 | 100.C | 100.0 | 100.0 | 100.0 | 100.0   | 100.0         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

GL PAL CLIMATOLOGY BRANCH LCAFETAC AL GEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

17271 LAUES AB AZ

71-60

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

27-173

| CEIL NO           |      |                |             |       |             |      | VIS  | B . *Y . 5* | ATUTE MIL | .E.S  |        |       | -               |         |       |          |
|-------------------|------|----------------|-------------|-------|-------------|------|------|-------------|-----------|-------|--------|-------|-----------------|---------|-------|----------|
| IFEE")            | ≥ \$ | ه≤             | ≥ 5         | ≥ 4   | ≥ 3         | 53%  | ≥ 2  | ≥ ½         | ≥1%       | ≥,    | ≥ 4    | ≥ %   | . <b>&gt;</b> v | ≥5/16   | 2 %   | ≥č       |
| 2 2000€           |      | +2.4           | 42.4        |       |             | 42.4 |      |             |           |       |        | 42.4  |                 |         |       | 42.4     |
|                   |      | 47.6           |             |       |             | 47.6 |      |             |           |       |        | 47.0  | • — —           |         |       |          |
| ≥ 18000           |      | 47.6           |             | 1 - 1 |             |      | 1    |             |           |       | · _    | 47.6  | 1 -             |         |       | 47.0     |
|                   |      | 47.6           | 47.6        |       |             |      |      |             |           |       |        | 47.0  |                 |         |       |          |
| ≥ '460C<br>≥ 200C | '    | 47.1           | 47.7        | 47.7  | 47.7        | 47.7 | 47.7 |             |           |       |        | 47.7  | 1 '             |         | 47.7  | 47.7     |
|                   |      | 4 3 . 7        | 45.7        | 48.7  | 40.7        | 48.7 | 40,7 |             |           |       |        |       | 45.7            |         |       | 46.7     |
| ≥ 9000            |      | 3.1            | 50.1        | 50.1  | 50.1        | 50.1 | 1    |             | 50.1      | 1     |        |       |                 |         | 56.1  | £0.1     |
|                   |      | 30.1           | <u>50.3</u> | 50.3  | <u>50.3</u> | 50.3 | 5C-3 | 50.3        | 50.3      | 50.3  | 50.3   | 50.3  | 50.3            | °C • 3  | 3     | 5003     |
| ≥ 8000<br>≥ 7000  |      | 53.2           |             |       | 53.2        | 53.2 |      |             |           | 1     | 1 .    | 53.2  |                 |         | 53.2  | 53.2     |
|                   |      | 5.2            | 53.2        |       |             | 53.2 |      |             |           |       |        | 53.2  |                 |         | 53.2  |          |
| ≥ 6000<br>≥ 5000  |      | 53.2           | 53.2        | 7     |             | 53.2 |      |             |           | 1     | 1      | 53.2  | 1               |         | 53.0  | 53.0     |
|                   |      | 53.2           | 53.2        | 53.2  | 53.2        | 53.2 |      |             |           |       |        | 53.2  |                 |         | 53.2  | <u> </u> |
| ≥ 4500            |      | 53.4           | 53.8        | 53.8  | 53.8        | 53.8 | 53.A | 53.8        | 53.3      | 53.8  | 53.P   | 53.8  | 53.9            | 53.6    | 53.4  | 53.5     |
| 2 400C            |      | 72.3           | 72.3        | 72.4  | 72.4        | 72.4 | 72.4 | 72.4        | 72.4      | 72.4  |        | 72.4  | 72.4            | 72.4    | 72.4  | 72.4     |
| ≥ 3500            |      | 92.0           | 92.1        | 92.4  | 92.5        | 92.5 | 92.5 | 72.5        | 92.5      | 92.5  | 92.5   | 92.5  | 92.5            | 92.0    | 92.5  | 65.2     |
| ≥ 3000            |      | 93.2           | 93.3        | 93.5  | 93.6        | 93.6 | 93.6 | 93.6        | 93.6      | 93.6  | 93.6   | 93.6  |                 | 93.€    | -3.6  | 93.5     |
| ≥ 2500            |      | 93.5           | 93.6        | 93.9  | 94.d        | 94.0 | 94.0 | 94.0        | 94.0      | 94.0  | 94.0   | 74.0  | 94.7            | 94.5    | 94.7  | 74.      |
| 2 2000            |      | ~ <b>4</b> • 0 | 94.3        | 94.5  | 94.7        | 94.7 | 94.7 | 94.7        | 94.7      | 94.7  | 94.7   | 94.7  | 94.7            | 94.7    | 94.7  | 94.7     |
| ≥ '800            |      | 94.0           | 94.3        | 94.5  | 94.7        | 94.7 | 94.7 | 94.7        | 94.7      | 94.7  | 94.7   | 94.7  | 94.7            | 74.7    | 94.7  | 94.7     |
| ≥ 1500            |      | 25.3           | 96.6        | 97.1  | 97.6        | 97.6 | 97.6 | 97.7        | 97.7      | 97.7  | 97.7   | 97.7  | 97.7            | 97.7    | 97.7  | 97.7     |
| ≥ 1200            |      | 97.3           | 97.5        | 97.8  | 98.8        | 98.8 | 98.8 | 98.9        | 98.9      | 08.9  | 98.9   | 98.9  | 90.9            | ψ. S. O | 44.0  | 98.4     |
| ≥ .000            |      | 97.3           | 97.9        | 98.2  | 99.1        | 99.1 | 99.1 | 99.2        | 99.2      | 99.2  | 99.7   | 99.2  | 99.2            | 99.2    | 90.2  | 94.2     |
| ≥ 900             | -    | 97.3           | 97.8        | 95.2  | 99.2        | 99.2 | 99.2 | 99.4        | 99.4      | 99.4  | 99.4   | 99.4  | 99.4            | 79.4    | 99.4  | 99.4     |
| ≥ 800             |      | 7.6            | 98.2        | 96.5  | 99.7        | 99.7 | 99.7 | 99.8        | 99.8      | 99.8  | 99.8   | 99.5  | 99.8            | 99.5    | 99.8  | 99.4     |
| 2 700             |      | ₹7.6           | 98.2        | 98.5  | 99.7        | 99.7 | 99.7 | 99.8        | 99.8      | 99.8  | 99.8   | 99.8  | 99.8            | 79.8    | 99.4  | 99.9     |
| ≥ 600             |      | 47.7           | 98.3        | 98.6  | 99.8        | 99.8 | 99.9 | 100.d       | 100.0     | 106.0 | 1:00:0 | 100.0 | 1:00.d          | 100.0   | 100.0 | 100.0    |
| ≥ 500             |      | 97.1           | 98.3        | 98.6  | 99.8        | 99.8 |      |             |           | 100.0 |        |       |                 |         |       | 100.0    |
| ≥ 400             |      | 77.7           | 98.3        | 98.6  | 99.8        | - 1  | -    |             |           | 100.0 | 1      | _     |                 |         | 100.0 |          |
| ≥ 300             |      | 97.7           | 98.3        | 98.6  |             | 99.8 |      |             |           | 100.0 |        |       |                 |         |       |          |
| 2 200             |      | 97             | 98.3        | 98.6  | - 1         | 99.6 | *    |             |           | 100.0 | · .    |       | 1               |         |       |          |
| - 00              |      | 97.            | 98.         | 96.6  |             | 99.8 |      |             |           | 100.0 |        |       |                 |         |       |          |
| 2 0               |      |                |             |       |             |      |      |             |           | 1     |        |       |                 |         |       |          |
|                   |      | 27.7           | 99.3        | 98.6  | 99.8        |      |      |             |           | 100.0 |        |       |                 |         |       |          |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

TE TAL CLIMATOLOGY BRANCH 

### CEILING VERSUS VISIBILITY

1721 LAUFS AS AZ

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| "E: N's          |       |         |      |      |      |        | v i S | B . T . ST. | ATUTE MIL     | ES.   |       |       |       |       |         |              |
|------------------|-------|---------|------|------|------|--------|-------|-------------|---------------|-------|-------|-------|-------|-------|---------|--------------|
| /+EET1           | ≱ ′\$ | ≥6      | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.V. | ≥;    | Σ-γ.        | ≥1%           | ≥,    | ≥ 4   | ≥%    | ≥ ∨   | ≥5/16 | 2 4     | <b>≥</b> €   |
| NO TERNO         |       | 43.5    | 43.5 | 43.5 | 43.5 | 43.5   | 43.5  | 43.5        | 47.5          | 43.5  | 43.5  | 43.5  | 43.5  | 43.   | 43.5    | 43.5         |
| ≥ 20000          |       | 45.0    | 49.0 | 49.0 | 49.0 | 49.1   | 47.0  | 49.0        | 40.0          | 45.0  | 49.0  | 40.0  | 45.0  | 43.0  | 45.     | 470          |
| ≥ 8000           |       | 49.0    | 49.  | 43.0 | 47.0 | 49.3   | 49.0  | 49.0        | 49.0          | 49.0  | 40.0  | 49.0  | 40.0  | 49.   | 49.3    | 49.5         |
| ≥ 6000           |       | 40.7    | 47.0 | 47.  | 40.0 | 49.0   | 49.7  | 49.0        | 49.7          | 49.0  | 40.0  | 49.0  | 40.3  | 4900  | 49.0    | 4900         |
| ≥ '4600          |       | 49.2    | 49.2 | 49.2 | 40.2 | 47.2   | 49.2  | 49.2        | 49.2          | 49.2  | 49.7  | 49.2  | 49.2  | 49.2  | 49.2    | 49.2         |
| 2 2000           |       | 49.6    | 49.6 | 49.6 | 47.6 |        |       |             |               |       |       | 49.6  |       |       |         |              |
| ≥ 10000          |       | 1.3     | 51.3 | 51.3 | 51.3 | 51.3   | 51.3  | -           |               | 51.3  | 51.3  | F1.3  | 51.3  | 51.3  | £ 1 • 3 | 51.3         |
| ≥ 9000           |       | 51.4    | 51.4 |      | 51.4 |        |       |             |               |       |       | 51.4  |       |       | 51.4    | 51.4         |
| ≥ 800C           |       | 34.4    | 54.4 | 54.4 | 54.4 | 54.4   | 54.4  | 54.4        | 54.4          | 54.4  | 54.4  | 54.4  | 54.4  | 54.4  | 54.4    | 54.4         |
| ≥ 7000           |       | - 4 - 4 |      | 54.4 | 54.4 |        |       | 54.4        | 54.4          | 54.4  | 54.4  |       |       |       | 54.4    | 54.4         |
| ≥ 6000           |       | 54.4    | 54.4 | 54.4 | 54.4 | 54.4   |       |             |               |       | 54.4  | 54.4  | 54.4  | 54.4  | 54.4    | 5404         |
| ≥ 5000           |       | 54.4    |      |      | 54.4 |        |       | 54.4        |               |       |       | 54.4  |       |       | 54.4    |              |
| ≥ 450C           |       | 55.1    | 55.1 | 55.1 | 1    | 55.1   |       |             |               | 1 -1  | 55.1  | 55.1  | 1 1   |       | 55.1    | 55.1         |
| 2 400C           |       | 69.9    | 69.9 | 70.0 | 70.0 |        |       | 70.0        |               |       |       | 76.0  | 77.0  | 70.5  | 73.0    | 70.4         |
| ≥ 3500<br>≥ 3000 |       | 91.1    |      | 91.8 | 91.8 |        |       |             | 91.P          |       |       | 91.8  |       | 91.6  | 91.A    | <b>91.</b> 3 |
| 2 3900           |       | 93.1    | 93.7 |      | 94.Q |        |       |             |               |       |       | 94.0  |       |       | 74.º    | 3400         |
| ≥ 2500<br>≥ 2000 |       | 93.2    |      | 94.1 | 94.1 | 94.1   | - 1   |             | 94.1          |       |       | 94.1  | 54.1  |       | 94.1    | 74.1         |
|                  |       | 93.9    | 94.4 |      | 95.1 |        |       | 95.1        |               |       |       | 95.1  |       |       | 75.1    | 95.1         |
| ≥ 1800<br>≥ 1500 |       | 04.2    | 94.7 | 95.1 | 95.4 | 95.4   |       |             |               |       | 95.4  | 95.4  |       |       | 95.4    |              |
| - 1300           |       | 36.1    | 96.7 | 97.2 | 97.7 |        |       | 97.7        |               |       |       | 97.7  |       | 47.7  | 97.7    | 97.7         |
| ≥ 1200           |       | ა6∙6    |      | 98.1 | 98.5 |        |       |             |               |       | 98.7  | 98.7  |       |       | 75.7    | 25.7         |
|                  |       | 96.8    |      |      |      |        |       | 99.2        | $\overline{}$ |       |       | 99.2  |       |       | 53.2    |              |
| ≥ 900<br>≥ 800   |       | 96.9    | 97.7 | 98.4 | 99.1 | 99.2   |       |             | 99.6          |       | 99.6  | 99.6  |       | -     | 99.4    |              |
|                  |       | 36.9    | 97.7 | 98.4 | 99.2 |        |       | 99.8        |               |       | 99.8  |       |       |       |         |              |
| ≥ 700<br>≥ 600   |       | 97.0    | 97.8 | 93.5 |      | 99.6   |       | 99.9        |               | 99.9  |       |       | 99.9  |       | 90.9    |              |
| - 300            |       | 97.0    | 97.8 | 98.5 |      |        |       | 99.9        |               |       |       |       |       |       |         |              |
| ≥ 500<br>≥ 400   |       | 97.4    | 97.8 |      | - 1  |        | -     | 100.0       |               |       |       |       |       |       | -       |              |
|                  |       | 27.0    | 97.8 |      |      |        |       | 100.0       |               |       |       |       |       |       |         |              |
| ≥ 300<br>≥ 200   |       | 77.1    | 97.9 |      | 99.4 | 99.6   |       | r.o.d       |               |       |       |       |       |       |         |              |
|                  |       | 27.0    |      |      |      |        |       | 100.0       |               |       |       |       |       |       |         |              |
| > 100            |       | 97.0    |      | -    | 99.4 | 99.6   |       | 100.0       |               |       |       |       |       |       |         |              |
| <i>≥</i> 0       |       | 27.g    | 97.4 | 98.5 | 99.4 | 99.6   | 99.8  | 100.0       | <u>100.0</u>  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0   | 1000         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

OL HAL CLIMATOLDGY PRANCH STAFETAC ATH KEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

71-80

1 2 1 LAUES AR AZ

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIL NO          |     |       |      |             |      |      | v:S  | B. 10 57 | ATUTE MIL | ES.   |       |         |       |         |             |       |
|------------------|-----|-------|------|-------------|------|------|------|----------|-----------|-------|-------|---------|-------|---------|-------------|-------|
| (FEE.1           | 5.0 | ≥ 6   | ≥ 5  | ≥ 4         | ≥ 3  | ×c≤  | ≥ ;  | ≥ ½      | 21%       | ≩.    | ≥ 4   | ≥ %     | ≥ ″   | ≥5/16   | <u> 2</u> 4 | ≥؍    |
| NO CEUNG         |     | 47.8  | 47.3 | 47.8        | 47.8 | 47.8 | 47.8 | 47.8     | 47.8      | 47.8  | 47.6  | 47.8    | 47.3  | 47.4    | 47.R        | 47.   |
| ≥ 20000          |     | 51.1  | 51.1 | 51.1        | 51.  | 51.1 | 51.1 | 51.1     | 51.1      | 51.1  | 51.1  | 51.1    | 51.1  | 51.1    | 21.1        | 51.   |
| ≥ 18000          |     | 11.1  | 51.1 | 51.1        | 51.1 | 51.1 | 51.1 | 51.1     | 51.1      | 51.1  | 51.1  | 51.1    | 51.1  | 51.1    | 51.1        | <1.   |
| ≥ 5000           |     | 51.01 | 51.1 | العلت       | 51.1 | 51.1 | 51.1 | 51.1     | 51.1      | Slal  | 51.1  | 51.1    | 51.1  | 51.1    | 1.1         | علائا |
| ≥ ,4000          |     | 51.1  | 51.1 | 51.1        | 51.1 | 51.1 |      | 51.1     |           | 51.1  | 51.1  | 51.1    | 51.1  | 51.4    | 31.1        | 11.   |
| ≥ 200€           |     | 51.1  | 51.1 | 51.1        | 51.1 | 51.1 | 51.1 | 51.1     | 51.1      | 51.1  | 51.1  | 51.1    | 51.1  | 51.1    | -101        | 11.   |
| ≥ 9000           |     | 52.3  | 52.1 | 52.3        | 52.3 | 52.3 | 52.3 |          |           | 52.3  |       | 52.3    | 52.3  |         |             |       |
|                  |     | 2.3   | 57.3 | 52.3        | 52.3 | 52.3 | 52.3 | 55.3     |           | 52.3  |       |         |       |         | 2.3         | -     |
| ≥ 8000<br>≥ 7000 |     | 54.5  |      | 54.8        | 54.9 | -    |      |          |           |       | 54.0  |         |       |         | 54.3        |       |
|                  |     | 54.8  |      | 54.8        | 54.9 |      |      |          |           |       |       |         |       |         |             |       |
| ≥ 6000<br>≥ 5000 |     | 54.8  |      | 54 . 8      | 54.9 |      | 54.9 |          |           |       |       |         |       |         | _4.9        |       |
|                  |     | 54.6  |      | <u>54.8</u> | 54.9 |      |      |          |           |       |       |         |       |         |             |       |
| ≥ 4500<br>≥ 4000 |     | 55.0  |      | 55.4        | 55.1 |      | 55.1 | 55.1     |           |       | 55.1  |         | 55.1  | 55.1    | 55.1        | 55.   |
|                  |     | 65.5  | 68.9 |             |      |      |      |          |           |       |       |         |       |         |             |       |
| ≥ 3500<br>≥ 3000 |     | 67.3  | 87.5 | 37.6        |      |      |      |          | •         | •     |       |         |       |         | r.7 . 8     | i e   |
|                  |     | 92.0  |      | 35.4        |      |      |      |          |           |       |       |         | 92.6  |         |             |       |
| 2 2500<br>2 2000 |     | 92.4  |      | 92.9        | 97.1 |      |      | c3.1     |           |       | 93.1  | 03.1    |       | 93.1    | 93.1        | ∴3•   |
|                  |     | 93.8  |      | 94.3        | 94.6 |      |      |          |           |       |       |         |       | 94.5    |             |       |
| ≥ 1800<br>≥ 1500 |     | 94.5  | 94.4 | 94.5        | 94.8 |      |      |          |           |       | _     |         | -     | 94.8    | 1           |       |
|                  |     | 76.3  | 97.  | 97.2        |      |      | 97.5 |          |           |       |       |         | 97.5  |         |             |       |
| ≥ 1200           |     | 77.2  | 98.1 | 98.2        |      |      |      |          |           |       |       |         |       |         |             |       |
|                  |     | 97.5  |      |             |      |      |      |          |           |       |       |         |       |         |             |       |
| ≥ 900<br>≥ 800   |     | 07.5  |      | 98.7        | 99.2 | 1    |      |          |           |       |       |         |       |         |             | _     |
|                  |     | 97.5  |      | 98.7        | 99.2 |      |      |          |           |       |       |         |       | 99.8    |             | _     |
| ≥ 700<br>≥ 600   |     | 97.5  |      | 98.7        | 99.2 |      |      |          |           |       |       |         |       |         |             |       |
| 2 000            |     | 97.5  | 98.9 | 98.7        | 99.4 |      |      |          |           |       |       |         |       |         |             |       |
| ≥ 500<br>≥ 400   |     | 97.5  | 99.5 | 94.7        | 99.4 | 1    | 99.9 |          | 1 - 1     | -     |       |         |       | 99.9    |             |       |
|                  |     | 97.5  |      | 98.7        | 99.4 |      |      |          | 99.9      |       |       |         |       |         |             |       |
| ≥ 300<br>≥ 200   | ì   | 27.5  |      | 98.7        | 99.4 |      | -    |          |           |       |       | 100.0   |       | • • • • |             | 100.  |
|                  |     | 97.5  |      | 98.7        | 99.4 |      |      |          |           |       |       | 100. g  |       |         |             | 100.  |
| > 100            |     | ≎7.5  | 7    | 98.7        | 99.4 |      |      |          | r .       |       |       | 700 · a |       |         |             |       |
| 2 0              |     | 97.5  | 98.5 | 98.7        | 99.4 | 39.4 | 99.9 | 100.0    | 100.0     | 100.0 | 100.0 | 100.0   | 160.0 | 100.0   | 100.0       | 130.  |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

SUPRAL CLIMATOLOUY BRANCH PRINTERS SERVICE/MAC

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CELING               |      |         |      |      |              |              | • · S | 8.79 574    | ATUTE MIL | £5         |        |             |         |          |           |              |
|----------------------|------|---------|------|------|--------------|--------------|-------|-------------|-----------|------------|--------|-------------|---------|----------|-----------|--------------|
| (FEE')               | ≥ .c | ≥ 6     | ≥ 5  | ≥ 4  | ≥ 3          | ≥2%          | ≥;    | ≥ %         | ≥1%       | ≥ '        | ≥ %    | ≥ %         | ≥ ″     | ≥5/16    | 2.4       | <b>≥</b> €   |
| NO CEIUNG            |      | 42.4    | 42.9 | 42.9 | 42.9         | 42.9         | 42.9  | 42.9        | 42.4      | 42.9       | 47.0   | 42.9        | 42.0    | 42.7     | 42.0      | 42.          |
| ≥ 20000              |      | 46.4    | 46.4 | 46.4 | 46.4         | 46.4         | 46.4  |             |           |            |        | 45.4        | 46.4    | 46.4     | 45.4      | 46.4         |
| ≥ 18500              |      | 46.4    | 45.4 | 46.4 | 45.4         | 46.4         | 46.4  | 46.4        | 45.4      | 46.4       | 46.4   | 46.4        | 46.4    | 46.4     | 45.4      | 46.4         |
| ≥ 5000               |      | 45.4    | 46.4 | 46.4 | 46.4         | 46.4         | 46.4  | 46.4        | 46.4      | 46.4       |        | 46.4        | 46.4    | 46.4     | 46.4      | 46.4         |
| ≥ '4000              |      | 4 5     | 45.5 | 46.5 | 45.5         | 46.5         | 46.5  | 46.5        | 45.5      | 46.5       | 46.5   | 46.5        | 46.5    | 46.5     | 46.5      | 46.5         |
| ≥ .500¢              |      | 46.5    | 46.8 | 46.8 |              | 46.8         | 46.3  | 46.8        | 46.8      |            |        | 46.8        | 45.5    | 46.3     | 46.3      | 46.          |
| ≥ 9000<br>≥ '9000' ≥ |      | 4 5 • f | 43.1 | 45.1 | 44.1         | 48.1         |       | -1          | 48.1      | 48.1       | 48.1   | 45.1        | 48.1    | 46.I     | 49.1      | 45.          |
| 2 9000               |      | 45.2    | 48.2 | 48.2 |              |              | 40.2  |             | 43.2      |            |        | 48.2        | 43.2    |          | 43.2      | 4002         |
| ≥ 8000<br>≥ 7000     |      | 50.7    | 50.4 |      |              |              |       | 1           |           |            |        | 50.9        |         |          |           | 50 • €       |
|                      |      | 50.7    | 50.8 |      |              | 50.8         |       |             |           |            |        | <u>50.8</u> | 57.3    |          | 50.0      | 5.00         |
| ≥ 6000<br>≥ 5000     |      | 50.7    | 50.4 |      | 50.8         | 50.8         |       |             |           |            |        | 53.6        | 1       |          |           | 50.0         |
|                      |      | 50.8    | 50.5 |      |              |              |       | 50.9        |           |            |        | 50.9        |         | _        | ٥٠٠٠      |              |
| ≥ 4500<br>≥ 4000     |      | 11.2    |      |      |              |              |       |             |           |            |        | 51.2        |         |          | 1.7       | 11.2         |
|                      |      | 67.0    |      |      |              |              |       |             |           |            |        | 67.2        |         |          |           |              |
| ≥ 3500<br>≥ 3000     |      | 28.4    | 88.7 | 88.9 |              |              |       |             | 89.7      | 87.0       |        | 89.0        | 1       |          | 49.7      | 29 · L       |
|                      |      | 32.6    | 92.9 |      | 93.3         | 93.3         | 93.3  | <del></del> | 93.3      |            |        | 93.3        |         | 63.3     | 73.3      | <b>93.</b> 1 |
| ≥ 2500<br>≥ 2000     |      | 92.8    | 93.3 | 23.9 |              | 93.7         |       |             | 93.7      |            | 4      | 93.7        | 97.7    |          | 93.7      | 33.          |
|                      |      | ¢ 3 • 4 | 93.9 |      | 04.5         | 54.5         |       |             | 94.5      | 04.5       |        | 94.5        |         |          | 34.5      |              |
| ≥ 1800<br>≥ 1500     |      | ≎3.6    | 94.1 | - 1  | 94.7         | 94.7         | - 1   | '•'         | 94.7      |            |        | 94.7        |         | 94.7     | 94.7      |              |
|                      |      | 25.8    | 96.4 |      |              | 97.3         | 97.3  |             | 97.4      |            |        | 97.4        |         |          | 97.4      |              |
| ≥ +200               |      | 96.6    | 97.4 |      |              | 98.5         |       |             | 98.6      |            | - 1    | 5 à 6       |         |          | 28.7      | 98.          |
|                      |      | 76.8    | 97.7 |      | 98.9         |              |       |             | 99.2      |            |        | 99.4        |         | 99.2     | 99.4      |              |
| ≥ 900<br>≥ 800       |      | 76.8    | 97.7 | 98.2 | 99.1<br>99.2 | 99.1<br>99.3 | 99.5  |             | 99.7      | _          |        | 99.7        |         |          | - 1       | 99.7         |
| ≥ 700                |      | 96.9    | 97.6 |      | 99.2         |              | 99.5  |             | 99.7      |            |        | 99.8        |         |          |           | 99.          |
| ≥ 600                |      | 96.9    |      |      | 99.2         |              | 99.6  |             |           | 99.9       |        | . • .       | ' ' ' ' |          |           | 99.3         |
| ≥ 500                |      | 76.9    | 97.8 |      | 99.2         |              |       |             |           | 99.9       |        |             |         |          | 59.9      |              |
| ≥ 300<br>≥ 400       |      | 96.9    |      |      | 99.3         | 99.3         |       |             |           |            | 99.9   |             |         |          |           | 103.0        |
| ≥ 300                |      | 26.9    | 97.8 |      | 99.3         | 99.3         | 99.6  |             |           |            | 100.0  |             |         |          | 1 0 0     |              |
| ≥ 200                |      | 76.9    |      |      | 99.3         | 77.3         | 99.6  |             |           | 1          | 100.3  |             | 100.0   |          | 100.0     |              |
| > '(00               |      | 76.9    |      |      | 99           | 99.1         | 09.6  |             |           |            | 100.0  |             |         |          |           |              |
| 2 '00<br>2 0         |      | 06.9    | 97.8 |      | 99           | 99.3         | 99.6  |             | •         |            | 153.0  |             |         |          |           |              |
|                      |      | 7003    | 7109 | 7003 | 7703         | 7763         | 77.0  | 7760        | 7760      | Te n r e r | 110000 | *00 0       |         | * 00 • D | E 000 6 C | a - U 0 c    |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_747"

OL HAL CLIMATOLOGY BRANCH UTAFICTAC AT AFATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

71-87

1 2 1 LAUES AT AZ

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0000

| 'E . N',              |     | "                  |              |               |              |              | • 5          | 8. ** 5*     | AT TE MIL        | .ES          |              |              |              |              |              |               |
|-----------------------|-----|--------------------|--------------|---------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 44EE-1                | ≥ : | ≥6                 | ≥ 5          | ≥ 4           | . ≥ ;        | 2:/          | 2.           | ≥ ″          | ≥'%              | ≥.           | ≥ 4          | ≥ %          | 27           | ≥ 5 11 6     | 2.4          | ≥ડ            |
| NT E ::N +<br>≥ 20000 |     | 7.07               | 53.7<br>60.5 | 5.4.7<br>61.5 | 54.7<br>63.5 | 58.7<br>60.5 | 58.7<br>60.5 | EA.7         | · •              | 58.7<br>60.5 | 58.7<br>60.5 |              | 51.7<br>63.5 |              | 58.7<br>60.5 | 53.7<br>64.00 |
| ≥ 18000<br>≥ 574      |     | 4                  | 67.5         | 5.7 • 5       |              | 60.5         | 60.5<br>60.5 | 60.5<br>60.5 | 60.5             | 60.5         | 60.5         | 50.5<br>60.5 | 60.5         | 63.5         | 60.5<br>60.5 | 62.5<br>63.5  |
| ≥ 14500<br>≥ 2000     |     | 10.5               | 61.5         | €^•5          | 63.4         | 60.5         | 60.5         | 60.5         | 60.5             | 66.5<br>65.5 |              | 60.5         | 63.5         | 60.5         | 63.5         | 64.5          |
| \$ 9000<br>\$ 9000    |     | 1.3                | 61.2         |               |              |              | 51.2         | 51.2         |                  | 61.2         |              | i .          | 1            | £1.2         | 61.2         | 61.2          |
| ≥ 8000<br>≥ 7000      |     | 62.4               | 62.9         | 67.8          | €2.8         |              | 62.8         | 62.9         | 62.4             |              | _            |              | l            |              |              | 62.5          |
| ≥ 6000<br>≥ 5000      |     | 63.0               | 63.0         | 63.0<br>63.0  | 1            |              | 53.0         | 63.0         |                  | 63.0<br>63.0 |              | 63.0<br>53.0 | 63.0         | (3.0<br>63.0 |              | 63.3<br>63.3  |
| ≥ 4500<br>± 4000      |     | 13.2               | 63.2         | 63.2          | 1            | 63.2         |              |              | 03 • 2<br>74 • 3 | 1 1 1        |              |              | 1 -          | 53.2<br>74.3 |              | 63.2<br>74.3  |
| 2 3500<br>2 3000      |     | 71.3               | 91.6         | 71.7          | 1            | 96.8         | ,            |              |                  | 92.J         | 92.0<br>96.9 | 92.0         |              | 92.0         | 92.5<br>96.9 | 7.)<br>90.9   |
| 2500<br>2007          |     | ი <sub>ნ</sub> . 1 | 96.1<br>97.  | 96.6          | 97.1         | 77.1         | 1            | 1            |                  | 97.2         |              |              | 97.2<br>97.5 | _            |              | 97.2          |
| ± 1800<br>± 1500      |     | 76.6               | 97.1<br>97.8 |               | 1 1          | 97.1         | 97.5         | 1            |                  |              | 1            |              | 97.8<br>98.6 |              |              |               |
| ≥ 1200<br>≥ 1000      |     | 78<br>78           | 99.6         | 1 .           | 99.6         |              | 1            |              |                  | 1            | 99.4         | -            | 59.4<br>59.7 | 99.7         | 40.7         | 39.7          |
| + 900<br>≥ 800        |     | 98.6               | 99.9         | 99.0          |              |              | 130.0        | 100.0        | 100.0            | 100.0        |              | 100.0        | 123.0        |              | 160.0        | 176.7         |
| ≥ 700<br>≥ 600        |     | 98.6<br>98.6       | 99.0         | 99.1          | 99.9         | 99.9         | 120.0        | 100.0        | 100.0            | 100.0        | 100.0        | 100.0        | 135.7        | 100.5        | 100.0        | 178.3         |
| ≥ 500<br>≥ 400        |     | 98.6               |              | 99.           | 99.9         | 99.9         | 100.0        | 100.0        | 100.0            | 100.0        | 100.0        | 100.0        | 100.0        | 160.0        | 100.9        | 100.          |
| 2 300<br>2 200        |     | 98.6<br>98.6       | 99.          | 99.1          | 99.9         | 99.9         | 130.0        | 100.0        | 100.0            | 100.0        | 100.0        | 100.0        | 160.0        | 100.0        | 150.0        | 100.          |
| > 100<br>2 0          |     | 98.6               |              | 99.1          | 99.9         | _            |              | 1            |                  | 100.0        |              |              | 1            |              |              |               |

TOTAL NUMBER OF OBSERVATIONS

UL MAE CLIMATOLOCY FRANCH UN MILTAC AT LEATHER SERVICEZMAC

#### CEILING VERSUS VISIBILITY

1 2"1 LAUES AS AZ

71-87

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1305-150 HOURS (LIST)

| CER NO                |      |                  |              |              |       |                  | v i S        | .B. TY 51    | ATUTE MIL    | ES           |              |              |              |              |                         |                              |
|-----------------------|------|------------------|--------------|--------------|-------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------|------------------------------|
| (FEE')                | ≥ 10 | ≥ 6              | ≥ 5          | ≥ 4          | ≥ 3   | ≥2%              | ≥ 2          | ≥ %          | ≥1%          | ≥1           | 2 4          | ≥ %          | ≥ 7          | ≥5/16        | 2 u                     | ≥0                           |
| NO 1845N/+<br>≥ 20000 |      | 56.6             |              |              |       | 56 • 6<br>56 • 5 |              |              |              | 56.6<br>58.5 |              | 56.5<br>58.5 | ł            | 56.€<br>58.5 | 56.6<br>58.5            |                              |
| ≥ 18000<br>≥ 18000    |      | 50.5<br>5×.5     | 1 1          |              |       |                  |              |              | _            |              |              | 58.5<br>56.5 |              |              | 5,3.5<br>5,8.5          | 5,9 <u>5</u>                 |
| ≥ 14000<br>≥ 12000    |      | 58.5<br>55.5     |              |              |       |                  |              |              |              | 58.5<br>58.5 |              | 58.5<br>58.5 | 58.5<br>58.5 |              | 54.5<br>54.5            | 5 4 <b>€</b><br>5 3 <b>€</b> |
| ≥ '0000' ≤            |      | 58.9<br>5n.9     | i T          |              |       | 1                |              |              | 58.9<br>58.9 | 58.9<br>58.9 | 58.9<br>58.0 | 58.9<br>58.9 |              |              | 0 0<br>9 4<br>5 5       |                              |
| ≥ 800C<br>≥ 700C      |      | +0•6<br>50•6     | 1 1          |              |       |                  |              |              |              | 1            |              | 60.6<br>60.6 | -            | -            | 5 J•5<br>60•5           | €3•6<br>€3•6                 |
| ≥ 6000<br>≥ 5000      |      | 60.9             | 1 1          | 60.9         |       |                  |              |              | 6C.9         |              |              | 60.6<br>60.9 |              |              |                         |                              |
| ≥ 450C<br>± 400C      |      | 61.2<br>71.1     | 61.2<br>71.2 | 51.2<br>71.2 |       | 61.2<br>71.2     | 61.2<br>71.2 | 61.2<br>71.2 | 61.2<br>71.2 | 61.2<br>71.2 | 61.2<br>71.2 | 61.2         | 61.2<br>71.2 | 61.2<br>71.2 | 61.7<br>71.2            | 51.2                         |
| ≥ 3500<br>≥ 3000      |      | 71.4<br>75.1     | 91.9<br>95.7 | 92•2<br>95•9 |       | 1                | 92.2<br>96.1 | 92.2<br>96.1 | 92.7<br>96.1 | 92.2<br>96.1 | 92.2<br>96.1 | 92.2<br>96.1 | 92.2<br>96.1 | 96.1         | 92•2<br><del>96•1</del> | 92.2                         |
| ≥ 2500<br>≥ 2000      |      | 95.7<br>95.8     | 96.3<br>96.5 | 96.6<br>96.7 | • •   |                  |              |              |              |              |              |              | 96.9         | 96.9         | 96.8<br>96.9            | 26.4                         |
| ≥ 1800<br>≥ 1500      |      | 95.8<br>97.3     | 96.5<br>98.2 |              | 98.9  | 1                |              |              | - 1          | 97.0<br>98.9 | 1            | 97.0<br>98.9 | 98.9         | 08.9         | 97.0<br>98.9            |                              |
| ≥ 1200<br>≥ 1000      |      | 98.1<br>98.1     | 99.0         |              | 99.8  | 99.8             | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         |              | 99.8         | 99.5         |                         | 79.8                         |
| ≥ 900<br>≥ 800        |      | 98.1             | 99.0<br>99.0 | 99.4         | 99.8  | 99.8             | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         |              | 99.8         | 99.8         | 99.8<br>90.8            | 99.6                         |
| ≥ 700<br>≥ 600        |      | 99.1             | 99.0<br>99.0 |              | 99.8  | 99.8             | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         |                         | 09.5                         |
| ≥ 500<br>≥ 400        |      | 98 • 3<br>98 • 3 | 99.2         | 99.6         | 100.0 | 100.0<br>100.0   | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 130.0        | 100.0        | 100.4        | 1 0.0                   | 196.3                        |
| ≥ 300<br>≥ 200        |      | 78 • 3           | 99.2         | 99.6         | 100.0 | 100.0            | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0                   | 198.0                        |
| > 100<br>2 0          |      | 98.3<br>98.3     | 99.2         |              |       | 100.0            |              |              |              |              |              |              |              |              |                         |                              |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

GE RAL CLIMATOLOGY ARANCH SERVICE/MAC 41 JEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1 2 1

LAUES AS AZ

71-80

. . .

TATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-161.

| CE L NO             |      |        |      |        |               |         | viS  | B . ** S* | ATUTE MIL | .E.S  |       |       |        |        |               |                   |
|---------------------|------|--------|------|--------|---------------|---------|------|-----------|-----------|-------|-------|-------|--------|--------|---------------|-------------------|
| (PEET)              | ≥ 'C | ≥ 6    | ≥ 5  | ≥ 4    | ≥ 3           | ≥2%     | 2.   | ≥ %       | ≥1%       | ≥'    | ≥ 4   | ≥ %   | 2"     | ≥ 5/16 | 2 •           | ≥č                |
| NO CEUNO<br>≥ 20000 |      | 47.1   | 47.1 |        |               |         | 47.1 |           |           |       |       | 47.1  |        | 47.1   | 47.1          | 47.1              |
|                     |      | = 3.1  | 52.1 |        | 52.1          | 52.1    | 52.1 | 52.1      | 52.1      | 52.1  | 52.1  | 52.1  | 52.1   | 52.1   | 22.1          | فعت               |
| ≥ 18000<br>≥ 5000   |      | [2.1   |      |        | 52.1          | 1 " " 7 | 52.1 | 52.1      | 52.1      | 52.1  | 52.1  | 52.1  | 52.1   | 52.1   | 52.1          | 52.1              |
| ļ                   |      | 52.1   | 52.1 | 52.1   | 52.1          | 52.1    | 52.1 | 52.1      | 52.1      | 52.1  | 52.1  | 52.1  |        | 52.1   | 23.1          |                   |
| ≥ 14600<br>≥ 12000  |      | 12.1   | 52.1 | 52 - 1 | 52.1          |         | 52.1 | 52.1      | 52.1      | 52.1  | 52.1  | 52.1  | 1      | 52.1   | 52.1          | 2.5               |
| <b>.</b>            |      |        | 52.3 | 52.3   | 52.3          | 52.3    | 52.3 | 52.3      | 52.3      | 52.3  | 52.3  |       |        | -60    |               | 52.3              |
| 20000 ≤             |      | 53.4   | 53.4 | 53.4   | 53.4          |         | 53.4 | 53.4      | 53.4      |       |       |       |        |        | 53.4          | 53.4              |
| ļ                   |      | 53.4   |      | 53.4   | 53.4          |         |      |           |           |       |       |       |        | 53.4   | 53.4          | 53.4              |
| ≥ 8000<br>≥ 7000    |      | 56.5   |      | 56.5   | 50 <b>.</b> 5 | 56.5    | 56.5 |           |           | 56.5  |       |       | l      |        | 56.5          | :6.·              |
| 2 /300              |      | 56.6   |      | 56.6   | 55.6          | 56.6    | 56.6 | 56.6      | 56.6      | 56.6  | 56.6  | 56.6  | 56.6   | 56.6   | 56.5          | 56.0              |
| ≥ 6000              |      | 55.4   | 54.6 | 56.6   | 56.6          | 56.6    | 56.6 | 56.6      | 56.6      | 56.6  | 56.€  | 55.6  | 56.6   |        | 54.5          |                   |
| ≥ 5000              |      | 56.6   | 56.6 | 56.6   | 56.6          | 56.6    | 56.6 | 56.6      | 56.6      | 56.6  | 56.6  | 56.6  | 56.6   | 56.0   | 56.6          | 56.0              |
| ≥ 4500              |      | 56.3   | 56.1 | 56.9   | 55.9          | 56.9    | 56.9 | 56.9      | 56.9      | 56.9  | 56.9  | 56.9  | 56.7   | 56.9   | ₹5.0          | 56.9              |
| 2 400C              |      | 71.3   | 71.3 | 71.5   | 71.5          | 71.5    | 71.5 | 71.5      | 71.5      | 71.5  | 71.5  | 71.5  | 71.5   | 71.5   | 71.5          | 71.               |
| ≥ 3500              | ,    | 22.6   | 92.7 | 93.2   | 93.2          | 93.2    | 93.2 | 93.2      | 93.2      | 93.2  | 93.2  | 93.2  | 93.2   | 93.2   | 93.2          | 53.2              |
| ≥ 3000              |      | 76.2   | 96.3 | 96.9   | 96.9          | 96.9    | 97.0 | 97.0      | 97.1      | 97.J  | 97.   | 97.   | 97.0   | 97.0   | 97.           | 77.J              |
| ≥ 2500              | -    | 96.2   | 96.3 | 96.9   | 96.9          | 36.9    | 97.0 | 97.0      | 97.0      | 97.0  | 97.0  | 97.3  | 97.3   | 97.0   | 97.0          | 97.               |
| ≥ 2000              |      | 46.6   | 96.1 | 97.2   | 97.2          | 97.2    | 97.3 | 97.3      | 97.3      | 97.3  | 97.5  | 97.3  | 97.3   | 97.3   | 97.3          | 77.3              |
| ≥ '800              |      | 76.9   | 97.1 | 97.5   | 97.5          | 97.5    | 97.6 | 97.7      | 97.7      | 97.7  | 97.7  | 97.7  | 97.7   | 97.7   | 97.7          | 97.7              |
| ≥ 1500              |      | 97.8   | 98.1 | 98.5   | 98.6          | 98.6    | 98.8 | 99.0      | 99.7      | 29.0  | 99.0  | 99.0  | 99.0   | 99.    | 30.0          | _ Q <b>Q</b> _ 13 |
| ≥ 1200              |      | 78.2   | 98.4 | 98.9   | 99.0          | 99.0    | 99.2 | 99.5      | 99.5      | 99.5  | 99.5  | 99.5  | 99.5   | 99.5   | 99.5          | 59.5              |
| ≥ .000              |      | 98.4   | 98.6 | 99.1   | 99.2          | 99.2    | 99.5 | 99.7      | 99.7      | 99.8  | 99.8  | 99.8  | 90.9   | 99.8   | φ <b>9.</b> β | 94.5              |
| ≥ 900               |      | აგ. 5  | 98.1 | 99.2   | 99.4          | 99.4    | 99.6 | 99.8      | 99.8      | 99.9  | 99.9  | 99.9  | 99.9   | 39.9   | 79.3          | 26.3              |
| ≥ 800               |      | 78.5   | 98.7 | 99.2   | 99.4          | 99.4    | 99.6 | 99.8      | 99.8      | 99.9  | 99.9  | 99.9  | 99.9   | 99.9   | 99.9          | 39.9              |
| ≥ 700               |      | OB • 5 | 98.7 | 99.2   | 99.4          | 99.4    | 99.6 | 99.8      | 99.8      | 99.9  | 99.7  | 99.9  | 99.9   | 99.9   | 99.7          | 9.9               |
| ≥ 600               |      | 98.5   | 99.7 | 99.2   | 99.4          | 99.4    | 99.6 | 99.8      | 99.8      | 99.9  | 99.9  | 99.9  | 99.9   | 99.4   | 99.9          | 59.7              |
| ≥ 500               |      | 78.6   | 98.8 | 99.4   | 99.5          | 99.5    | 99.7 | 99.9      | 99.9      | 100.0 | 100.0 | 100.0 | 1::0.0 | 100.0  | 100.0         | 100.3             |
| ≥ 400               |      | 9.6€   | 98.9 | 99.4   | 99.5          | 99.5    | 99.7 | 99.9      | 99.9      | 100.0 | 100.0 | 100.0 | 150.0  | 100.0  | 1:0.0         | າວພະຕ             |
| ≥ 300               |      | 98.6   | 98.8 | 99.4   | 99.5          | 99.9    | 99.7 | 99.9      | 99.9      | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 157.5         | 100.0             |
| ≥ 200               |      | 98.6   | 98.8 | 99.4   | 99.5          | 99.5    | 99.7 | 99.9      | 99.9      | 100.0 | 100.3 | 100.0 | 100.0  | 100.0  | 133.5         | 100.              |
| ≥ 100               |      | 98.6   | 98.6 | 99.4   | 99.5          | 99.9    | 99.7 | 99.9      | 99.9      | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 130.7         | 100.              |
| ≥ ∪                 |      | 78.6   | 98.5 | 99.4   | 99.5          | 99.5    | 99.7 | 99.9      | 99.9      | 130.0 | 160.0 | 100.0 | 155.0  | 100.3  | 137.0         | 100.3             |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 979

EL TAL CLIMATOLOGY BRANCH LIBETAC AT ABATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1 2 1 LAUTS AR AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

930-1103 Hours (List.)

| CEL NO                     |      |                    |              |               |      |       | •:5  | B 5    | ATUTE MILI           | E S   | -               |              |              |        |              |            |
|----------------------------|------|--------------------|--------------|---------------|------|-------|------|--------|----------------------|-------|-----------------|--------------|--------------|--------|--------------|------------|
| GEE'S                      | ≥ 12 | ≥ 6                | ≥5           | ≥ 4           | ≥ 3  | ≥2%   | ≥ ;  | ≱ . પ્ | ≥1%                  | ≥ '   | <u> </u>        | ≥ ′⁄,        | ≥ ′          | ≥ 5/16 | 2 4          | <b>≥</b> ¢ |
| NO CERING<br>≥ 20000       | -    | د ع • 4<br>5 ن • 9 | 1 - 1        | 43.4<br>50.9  |      |       |      |        | 43.4                 | - 1   |                 | 43.4<br>50.9 | 43.4<br>50.9 |        |              | 43.4       |
| ≥ 18000<br>≥ 5000          |      | 5 7.9              |              | 50 <b>.</b> 9 | 50.9 | 5.1.9 | 50.9 | 50.9   |                      | 50.9  | 50.0            | 50.9         | 50.9         | 50.7   | 50.9<br>50.9 | 50.9       |
| ≥ '4000<br>≥ '2900         |      | 5%.9               | 50.9<br>51.2 | 50.9          | 57.9 | 50.9  | 50.9 | 50.9   | 51.2                 | 50.9  | 50.9            | 50.9         |              |        | 50.2<br>51.2 |            |
| 2000€ ≤                    |      | 53.0<br>53.0       | 53.0<br>53.0 |               |      |       |      |        | 53.0                 |       |                 | 53.0<br>53.0 | 53.0<br>53.0 |        |              | 53.        |
| ≥ 800C<br>≥ 700G           |      |                    | 57.1         | 57.1          |      | 57.1  | 57.1 | 57.1   | 56.6<br>57.1         | 57.1  | 57.1            | 57.1         | 57.1         |        |              | 57.1       |
| ≥ 6000<br>≥ 5000           |      | 57.1               | 57.1<br>57.1 | 57.1          | 57.1 | 57.1  | 57.1 | 57.1   | 57.1<br>57.1         | 57.1  | 57.1            | 57.1         | 57.1         | 57.1   | 57.1         | 57.1       |
| ≥ 4500<br>≥ 4000           |      |                    | 74.5         | 74.0          | 74.0 | 74.0  | 74.0 | 74.0   | 57.5<br>74.0         | 74.0  | 74.0            | 74.0         | 74.0         | 74.    |              | 7403       |
| ≥ 3500<br>≥ 3000           | -    |                    | 94.9         | 94.9          | 95.0 | 95.0  | 45.0 | 75.0   | 97.9<br>95.0         | 25.0  | 95.0            | 95.3         | 95.0         | 95.0   | 25.3         | 35.4       |
| ≥ 2500<br>≥ 2006<br>≥ 1800 |      | 75.5               | 95.2<br>95.8 | 95.9          | 96.0 | 96.0  | 96.7 | 96.0   |                      | 96.0  | 96.C            | 96.0         |              | 96.0   | 96.0         | 96.        |
| 2 1500                     |      | 95.5<br>97.7       | 98.2         | 98.3          |      | 98.6  | 98.6 | 98.6   | 96.7<br>98.6<br>99.8 | 95.6  | 96.5            | 98.6         | 98.6         | 98.6   | 76.5         | 98.6       |
| 2 900                      |      | 98.5<br>98.5       | 98.9         | 99.0          | 99.7 | 09.7  | 99.7 | 99.8   | 99.8                 | 99.8  | 99.8            | 99.8         | 99.8         | 99.8   | 99.A         | 59.3       |
| 2 Ano                      |      | 78.5               | 98.9         | 99.0          | 99.7 | 99.7  | 99.7 | 99.9   | 100.0                | 100.0 | 100.0           | 100.3        | 100.0        | 100.0  | 130.0        | 100.0      |
| 2 600                      |      | 78.5               | 98.9         | 99.0          | 99.7 | 99.7  | 99.7 | 99.9   | 100.0                | 100.0 | <u>រ ១៧ - ៦</u> | 190.0        | 100.0        | 100.0  | 100.0        | 100.0      |
| 2 40C<br>2 300             |      | 98.5               | 98.9         | 99.           | 99.7 | 99.7  | 99.7 | 99.9   | 100.0                | 100.0 | 100.0           | 100.0        | 100.0        | 160.0  | 1 .0.0       | 100.0      |
| ≥ 200<br>≥ 100             |      | 98.5               | 98.9         | 99.0          | 99.7 | 99.7  | 99.7 | 99.9   | 100.0<br>100.0       | 100.0 | 100.0           | 100.0        | 100.)        | 100.5  | 100.0        | 100.0      |
| 2 0                        |      |                    | 98.9         | - 1           |      |       |      |        | 1 - I                | -     |                 |              |              | _      |              |            |

TOTAL NUMBER OF OBSERVATIONS 925

SE SAL CLIMATOLOGY PRANCH STAPETAC AT . WEATHER SERVICEZMAC

#### CEILING VERSUS VISIBILITY

1 211 LAUES AR AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 3-1430 HOURS (L.S.T.)

| CELNO            |      |       |              |      |         |         | • \$  | B. " 5" | ATUTE MIL    | ES.  |      |             |      |        |        |           |
|------------------|------|-------|--------------|------|---------|---------|-------|---------|--------------|------|------|-------------|------|--------|--------|-----------|
| (FEE')           | ≥ .0 | ≥6    | ≥ 5          | ≥ 4  | ≥ 3     | 22%     | 2.7   | ≥ ″     | ≥1%          | ≥'   | 2 4  | ≥ %         | 2 %  | ≥ 5/16 | ≥ 4    | ž¢        |
| NO TEUNIT        |      | 44.4  | 44.4         | 44.4 | 44.4    | 44.4    | 44.4  | 44.4    | 44.4         | 44.4 | 44.4 | 44.4        | 44.4 | 44.4   | 44.4   | 44.4      |
| ≥ 20000          |      | 51.9  | 51.9         | 51.9 | 51.9    | 51.9    | 51.9  | 51.9    | 51.9         | 51.9 | 51.0 | 51.9        | 51.9 | 51.9   | 51.9   | 100       |
| ≥ 18000          |      | 51.9  | 51.4         | 51.9 | 51.9    | 51.9    | 51.9  | 51.9    | 51.9         | 51.9 | 51.9 | 51.9        | £1.9 | 51.9   | 51.0   | 11.5      |
| ≥ 16000          |      | 51.9  | 51.4         | 51.9 | 51.9    | 51.9    | 51.9  | 51.9    | 51.9         | 51.9 | 51.2 | 51.9        |      | 51.9   | 1.3    |           |
| ≥ 14000          |      | 51.7  | 51.4         | 51.9 | 51.9    |         | 51.9  | 51.9    |              | 51.9 | 51.9 | 51.9        |      |        | ∠1 • ? | 5.1 · °   |
| ≥ 2000           |      | 52.0  | 52.          | 52.8 |         | 7.5.4.4 |       |         |              |      | 52.8 | 52.5        |      | 52.    | تعتنا  | 5203      |
| ≥ 19000          |      | 75.4  | 55.4         | 55.4 | 55.4    |         |       |         | 1            |      | 55.4 |             |      |        | 55.4   | 55.4      |
| ≥ 9000           |      | _ 5.5 | <u> 55.5</u> | 55.5 |         |         | ***   |         |              | 55.5 | 55.5 |             |      |        | 55.5   | ۔ ور ت    |
| ≥ 800C<br>≥ 700C |      | 58.1  | 58.1         | 58.1 | 58.1    |         | 1     | 58.1    |              | 58.1 | 58.1 |             |      | 56.1   | 54.1   | 5 d + 1   |
|                  |      | 58.1  | <u>5º•1</u>  | 58.1 | 5 P • 1 |         |       | 59.1    | 58.1         | 56.1 | 58.1 | <u>53.1</u> | 52.1 | 55.1   | 33.1   | 55.1      |
| ≥ 6000<br>≥ 5000 |      | 53.1  | 58.1         | 50.1 |         | ı       | 1 1   | _       |              | 56.1 | 56.1 |             | 1    | 58.1   | 58.1   | 56.1      |
|                  |      | 58.2  | <u>5a.a</u>  | 50.2 |         |         |       |         |              | 56.2 | 50.2 |             |      |        | 5.002  |           |
| ≥ 4500<br>2 4000 |      | 53.3  | 54.3         | 58.3 | 59.3    |         |       |         | 58.3         |      | 58.3 |             |      |        |        |           |
|                  |      | 77.9  | 77.9         |      |         |         |       |         | 78.0         | 78.7 | 75.  | 73.0        |      |        | 75.7   | 73.7      |
| ≥ 3500<br>≥ 3000 |      | ≎3.0  | 93.2         | 93.2 |         | 1       | 1 - 1 | 93.3    | 93.3         | 93.3 | 93.3 |             |      | 93.3   | 33.3   | 23.3      |
|                  |      | 26.4  | 95.4         | 36.6 |         |         |       |         | 96.7         |      | 96.7 |             |      | 75.7   |        |           |
| ≥ 2500<br>≥ 2000 |      | 96.3  | 96.7         | 96.7 | 96.8    | 1       |       |         | 96.A         | 1    | 96.5 |             | -    | 96.4   | 96.E   | 96.3      |
| ≥ +800           |      | 97.2  | 97.1         | 97.6 | 97.7    |         |       | 27.7    |              |      |      |             |      | 97.6   | 97.7   | <u> </u>  |
| ≥ 1500           |      | 98.9  | 99.4         | 99.4 |         |         | 1 1   | - 1     | 97.8<br>99.5 |      |      |             |      | • .    | -      | 09.5      |
| ≥ 1200           |      | 99.1  | 99.7         | 99.7 |         |         |       |         |              |      | 99.9 |             |      | 99.5   |        |           |
| ≥ ,000           |      | 39.1  | 99.7         | 99.7 |         | 1       | 99.9  |         |              | 99.9 |      |             | -    |        |        | 90.9      |
| ≥ 900            |      | 49.2  | 99.8         |      |         |         | 100.0 |         |              |      |      |             |      | -      |        |           |
| ≥ 800            |      | 79.2  | 99.8         |      |         | 1 -     | 130.3 |         |              | _    |      | 1           |      |        |        | _         |
| ≥ 700            |      | 79.2  | 90.8         |      |         |         | 100.0 |         |              | _    |      |             |      | _      |        |           |
| ≥ 600            |      | 99.2  | 99.8         | 7    |         |         | 100.0 |         | 7 - 1 - 1    |      |      |             |      |        |        |           |
| ≥ 500            |      | 09.2  | 99.8         |      |         |         | 100.0 |         |              |      |      |             |      |        | -      | 1 ^ 3 • 3 |
| 2 40C            |      | 09.2  | 99.8         |      |         |         | 100.d |         |              |      |      |             |      |        |        |           |
| ≥ 300            |      | 99.2  | 99.4         |      |         |         | 100.0 |         |              |      |      |             |      |        |        |           |
| ≥ 200            |      | 99.2  | 99.5         |      |         |         | 100.0 |         |              |      |      |             | -    |        |        | -         |
| > 100            |      | 99.2  | 90.8         |      |         |         | 100.0 |         |              |      |      |             |      |        |        |           |
| ± 0              |      | 29.2  | 99.8         |      |         | 100.0   | 1 - 1 |         |              | -    | -    |             | -    |        |        | _         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

SE JAL CETMATOLOGY BRANCH SECTAD AL MEATHTH SERVICEZMAC

### CEILING VERSUS VISIBILITY

1721 LAUES AR AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEL NO              |      |         |       |      |        |        | +15   | B . ** \$*. | ATUTE MIL | E S          |      |             |          |      |        |         |
|---------------------|------|---------|-------|------|--------|--------|-------|-------------|-----------|--------------|------|-------------|----------|------|--------|---------|
| /FEETN              | ≥ .0 | ≥6      | ≥5    | ≥ 4  | ≥ 3    | ≥2%    | ≥ 7   | ≥ ′⁄        | ≥1%       | ≥,           | 2 4  | ≥%          | ≥ ∨      | ≥500 | 2 4    | ≥د      |
| NO CEUNG<br>≥ 20000 |      | 40.7    |       | 46.5 |        |        |       | 46.8        |           | 46.8         |      | 46.5        |          | 46.  | 46.0   | 40.     |
| ļ                   |      | 2.5     |       |      |        |        | ,     |             |           |              | 3206 |             |          |      | 12.6   | 1205    |
| 2 18000<br>≥ 18000  |      | - 2 • 5 |       |      |        |        |       |             |           |              |      | 52.5        |          |      |        | 52.0    |
| ļ                   |      | 52.5    |       |      |        |        | 52.6  |             |           |              | 52.6 |             |          |      |        |         |
| ≥ '4600<br>≥ '2000  |      | 72.5    | _     |      |        |        |       |             |           | <b>52.</b> 6 |      | 52.6        | 1        |      | 57.4   | 12.6    |
|                     |      | -3.4    | 53.5  | 53.5 | 53.5   |        | 53.5  |             |           |              |      |             | 53.5     |      |        | 1303    |
| ≥ 20000             |      | 55.3    | 56.⊓  | 55.0 | -      |        |       |             |           | 56.0         | 56.0 | 56.0        | 55.6     | 56.  | 56 e î | ે ઇ     |
| ≥ 9000              |      | 55.1    | 56.2  |      |        |        | 56.2  |             |           |              |      |             |          |      |        | 5006    |
| ≥ 8000              |      | 58.6    | 58.7  | 58.7 | 58.7   | 53.7   | 58.7  |             |           |              |      |             |          |      |        | - 0.7   |
| ≥ .⊲X               |      | 58.9    | 50.0  | 20.0 | 50.0   | 59.0   | 59.0  | 59.0        | 50        | 59.0         | 59.0 |             | 2.7      | 59.3 | 2000   | ر و وا  |
| ≥ 6000              |      | 5⊬.9    | 59.0  | 59.0 | 50.0   | 59.0   | 59.0  | 59.0        | 59.8      | 59.0         | 59.0 | E G         | [ 50 • T | 79.  |        |         |
| ≥ 5000              |      | 53.9    | 59.0  | 50 g | 59.0   | 59.0   | 59.0  | 59.0        | 50.7      | 59.0         | 59.7 | 59.0        | 56.7     | 19   | 57.3   | F 👸 🔒 1 |
| ≥ 4500              |      | 5.7.4   | 59.5  | 59.5 | 59.5   | 59.5   | 59.5  | 59.5        | 59.5      | 59.5         | 54.5 | 59.5        | 50.5     | 59.5 | C . 5  | 5 🕶 🕏   |
| ≥ 4000              |      | 78.0    | 73.1  | 70.1 | 76.1   | 76.1   | 70.1  | 78.1        | 78.1      | 78.1         | 78.1 | 75.1        | 71       | 78.1 | 73.1   | 75.1    |
| ≥ 350C              |      | 74.2    | 94.5  | 94.5 | 94.5   | 94.5   | 94.5  | 94.5        | 94.5      | 94.5         | 94.5 | 94.5        | 94.5     | 44.5 | 94.5   | 94.5    |
| ≥ 3000              |      | 96.     | 96.3  | 96.3 | 96.3   | 96.3   | 96.3  | 96.3        | 96.3      | 96.3         | 96.3 | 06.3        | 96.3     | 26.3 | -6.3   | . 5 . 3 |
| ± 2500              |      | ≎6.2    | 96.9  | 96.5 | 96.5   | 96.5   | 96.5  | 96.5        | 96.5      | 96.5         | 96.5 | 96.5        | 46.5     |      |        | 30°,    |
| ≥ 2000              |      | 96.3    | 96.9  | 96.9 | 96.9   | 96.9   | 96.9  | 96.9        | 96.9      | 96.9         | 96.4 | 96.9        | 96.9     | 96.9 | 96.0   | 40.4    |
| ≥ 1800              |      | 26.3    | 96.9  |      |        |        | 96.9  |             |           |              |      |             |          |      |        | 06.4    |
| ≥ 1500              |      | 98.3    | 99.4  |      |        |        | 98.8  |             |           |              |      |             |          | 98.0 |        | 96.4    |
| ≥ 1206              |      | 78.6    |       |      |        |        | 99.5  |             |           |              |      |             |          |      |        | 04.     |
| ≥ ,000              |      | 78.6    |       | -    |        |        | 99.5  |             |           | 99.5         |      |             |          |      |        | 09.5    |
| ≥ 90¢               |      | 98.7    | 99.5  | _    |        |        | 99.7  |             |           |              |      |             |          |      |        |         |
| 2 800               |      | ≎8.9    |       |      |        |        | -     |             |           |              |      |             | -        |      | 99.0   | -       |
| ≥ 700               |      | 29.3    | 99.8  |      |        |        |       |             |           |              |      |             |          |      | 100.0  |         |
| ≥ 600               |      | 99      | 99.8  |      |        |        |       |             |           |              |      | 1 1         | -        |      | 100.0  | -       |
| ≥ 500               |      | 79.     | 99.8  |      |        |        |       | 3 E S 3 E   |           |              |      | <del></del> |          |      | 155.2  |         |
| 2 40C               |      | 79.0    | 99.8  |      |        |        |       |             |           | •            |      |             |          |      | 100.0  |         |
| ≥ 300               | -    | 00.     | 97.9  |      |        | -      |       |             |           |              |      |             |          |      | 100.0  |         |
| ≥ 200               |      | 79.0    | . • . |      |        |        | 100.0 |             |           |              |      |             |          |      | 135.3  |         |
| > '06               |      | 69.0    |       |      |        |        |       |             |           |              |      |             |          |      | 1      |         |
| 2 '00               |      |         |       |      |        |        |       |             |           |              |      |             |          |      |        | 1       |
| لـــــــــا         |      | 99.0    | 99.8  | 99.8 | 10,100 | 1777-0 | 100.0 | 10000       | TCII.     | 11000        | IOO  | 100.0       |          | 100. | 100.0  | 11      |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

SE RAL CLIMATOLOGY BRANCH 1 SELTAC AT SEATHER SERVICEZMAC

#### CEILING VERSUS VISIBILITY

71-80 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| 1E. NO            |     |                 |      |         |               |       |      | B . ** 5* | ATUTE MIL | E5    |         |         |                 |         |         |          |
|-------------------|-----|-----------------|------|---------|---------------|-------|------|-----------|-----------|-------|---------|---------|-----------------|---------|---------|----------|
| 1986.1            | ≥ ≎ | ≥6              | ≥ :  | ≥4      | ≥ 3           | 22/   | ≥;   | ≥ "       | ≥'%       | ≥,    | ≥ 4     | ≥ %     | ≥ ″             | ≥5/16   | 2 4     | ≥ċ       |
| NO TELEMA         |     | 47.6            | 47.6 | 49.6    | 47.6          | 4 - 6 | 49.6 | 49.6      | 49.6      | 47.6  | 40.6    | 40.6    | 43.6            | 49.5    | 40.5    | 40.5     |
| ≥ 2000C           |     | 50.1            | 55.1 | 58.1    | 53.1          | 58.1  | 58.1 | 58.1      | 55.1      | 58.1  | 5 E . 1 | 58.1    | 5: .1           | 58.1    | 53.1    | 50.1     |
| ≥ 18000           |     | 5 . 3           | 58.3 | 50.3    | 59.3          | 58.3  | 5°•3 | 58.3      | 3 ه ۴ ک   | 56.3  | 50.3    | 55.3    | 54.3            | 50.3    | 51.2    | 5 5 € 3  |
| <u>&gt;</u> \$.88 |     | 5:03            | 58.3 | 58.3    | 55.3          | 5á.3  | 58.3 | 58.5      | 58.3      | 50.3  | €0.7    | 58.3    | 5 3 . 3         | 56.3    | 50.3    | 1303     |
| ≥ '4500           |     | 5 - 3           | 53.3 | 5 a . 3 | 58.3          | 58.3  | 53.3 | 58.3      | 58.3      | 56.3  | 56.3    | 5e.3    | ່ ນໍ <b>.</b> 3 | 5 f . 3 | 5 4 • 3 | 5007     |
| 2 20°C            |     | 57.4            | 59.4 | 59.4    | 57.4          | 50.4  | 59.4 | 59.4      | 59.4      | 55.4  | 57.4    | 59.4    | 59.4            | 50.4    | 54.4    | 59.4     |
| ± 10000           |     | 1.1.5           | 61.5 | 61.5    | 61.5          | 61.5  | 61.5 | f1.5      | 61.5      | 61.5  | 61.     | 61.5    | 61.5            | 61.5    | 51.5    | 51.5     |
| \$ 9000           |     | 61.6            | 61.4 | 61.6    | 61.6          |       | 61.6 | 61.6      | 61.6      | 61.6  | 61.t    | 61.6    |                 |         | 51.6    | F 1 . 6. |
| ≥ 8000            | '   | 63.9            | 63.  | 63.9    | 63.9          | 63.9  | 63.9 | 63.9      | 63.9      | 63.¢  | 53.0    | 63.9    | 63.9            | 63.9    | +3.0    | 63.0     |
| ≥ 7000            |     | 63.9            | 63.7 | 63.9    | 63.9          |       | 63.9 | 63.9      | 63.9      | 63.9  | 63.0    | 63.7    |                 |         |         |          |
| ≥ 6000            | - 1 | 63.9            | 63.9 | 63.9    | 63.9          | 1     | 63.9 | 63.9      |           | 63.9  | 63.9    | 63.9    |                 |         | ပ္ဒီ∙်  | 4.3 • O  |
| ± 500€            |     | 63.4            | 63.9 | 63.9    | 63.9          |       |      | 63.9      | 63.9      | 63.9  | 63.9    | 67.9    | 63.9            |         | e 3 . 9 |          |
| ≥ 450C            |     | 4.4.1           | 64.1 | 64.1    | 64.1          | ו י   | 64.1 | 64.1      |           | 64.1  | 64.1    | 64.1    | 64.1            | A4 - 1  | 64.I    | (4.1     |
| ± 4000            |     | 76.9            | 76.9 |         | $\overline{}$ |       |      |           |           |       |         | 76.9    |                 |         | 75.0    |          |
| ≥ 3500            |     | - 94 <b>•</b> 0 | 94.3 | 24.2    | 94.3          | 24.3  | 94.3 |           |           | 94.3  | 94.3    | 04.3    |                 | . • -   | 94.7    | 54.3     |
| 2 3000            |     | 96.3            | 95.5 | 96.7    | 96.8          | 06.8  | 96.9 | 96.9      | 96.9      | 66.0  | 96.0    | 36.9    | 96.9            | 96.7    | 94.4    | 6.99     |
| 2 2500            |     | 95.3            | 96.5 | 96.7    | 96.8          |       |      | 96.9      | 96.9      | - 1   | - 1     | 96.9    |                 | 96.9    | 96.3    | 90.0     |
| : 2000            |     | ್6.8            | 97.1 | 97.2    | 97.3          |       | 97.4 | 97.4      |           |       | 97.4    | 97.4    | 97.4            |         | 77.4    | 97.4     |
| ≥ 1800            |     | ે6∙ ક           | 97.1 | 97.2    | 97.3          |       | 97.4 | 97.4      |           | 97.4  | 97.4    | 97.4    | 97.4            | 97.4    | 0.4     | 37.4     |
| ≥ 1500            |     | 98.5            |      |         | 99.1          |       | 99.1 | 99.1      |           |       | 99.1    | 99.1    | 97.1            | 99.1    | 33.1    | 49.1     |
| ≥ 1200            | 1   | 78.9            | 99.2 | 99.4    | 99.5          | 99.5  | 99.6 | 99.6      | 99.6      | 99.6  | 99.5    | 99.5    | 3°•6            | 99.5    | 39.4    | 69.      |
| ≥ .000            |     | ∂ გ. 9          |      |         | 99.5          | 99.5  | 99.6 | 99.6      | 99.6      | 99.6  | 99.6    | 79.6    |                 |         | 99.5    | 67.6     |
| . 90¢             |     | ີ ລ8.⊈          | 99.4 | 99.5    | 99.6          | 99.6  | 99.7 | 99.7      | 99.7      | 99.7  | 99.7    | 99.7    | 99.7            | 99.7    | 99.7    | 59.7     |
| ≥ 800             |     | 98.9            | 99.4 | 99.5    |               |       | 99.7 | 99.8      | 99.8      | 99.8  | 99.8    | 99.3    | 99.8            | 99.5    | 99.8    | 20.8     |
| ≥ 700             |     | 96.9            | 99.4 | 79.6    | 99.7          | 99.7  | 99.8 | 99.9      | 99.9      | 99.9  | 99.9    | 99.9    | 99.9            | 99.9    | 99.9    | 30.3     |
| ≥ 600             |     | 78.9            | 99.5 | 99.6    |               | 99.7  | 99.8 | 99.9      | 99.9      | 99.9  | 99.9    | 99.9    | 99.9            | 99.9    | 99.9    | 64.5     |
| ≥ 500             |     | 98.9            | 99.5 | 99.6    | 99.7          |       | 99.6 | 99.9      | 99.9      | 99.9  | 99.0    | 99.7    | 99.9            | 99.9    | 99.9    | 39.5     |
| ≥ 40C             |     | 98 <b>.9</b>    | 99.5 | 99.6    | 99.7          | 99.7  | 99.8 | 100.0     | 100.0     | 100.0 | 100.0   | 700 • 0 | 100.0           | 100.0   | 1_0.0   | 173.7    |
| 2 300             |     | 98.9            | 99.5 | 99.6    | 99.7          | 99.7  | 99.6 | 100.0     | 100.0     | 100.0 | 100.0   | 100.0   | 100.0           | 100.0   | 100.0   | 100.0    |
| 2 20C             |     | 78.9            | 99.5 | 99.6    | 99.7          | 99.7  | 99.5 | 100.0     | 100.0     | 100.0 | 100.n   | 100.0   | 100.0           | 100.0   | 130.3   | 100.0    |
| ≥ 10 <b>6</b>     |     | 98.9            | 99.9 | 99.6    | 93.7          | 99.7  | 99.8 | 10.0      | 100.0     | 100.0 | 100.0   | 100.0   | 100.0           | 1000    | 160.0   | 100.3    |
| 2 0               |     | 78.9            | 99.5 | 99.6    | 99.7          | 99.7  | 99.8 | 100.0     | 100.d     | 100.0 | 100.7   | 100.0   | 100.0           | 100.U   | 100.0   | 100.0    |

AT ACATHER SERVICE/MAI

### CEILING VERSUS VISIBILITY

ATATION LAUES AS AS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| 1E1 N/3           |       | <u>-</u>     |       |             |       |      | ¥4\$  | B . ** 5*    | ATUTE MIL | ES.   |       | -            |           |        | -            |                 |
|-------------------|-------|--------------|-------|-------------|-------|------|-------|--------------|-----------|-------|-------|--------------|-----------|--------|--------------|-----------------|
| 1456.1            | ≥ ' € | ≥ 6          | ≥ 5   | ≥ 4         | ≥ 3   | ≥2%  | ≥;    | ≥ %          | 21%       | ≥,    | ≥ .₄  | ≥ %          | ≥ ′       | ≥5″8   | <u> </u>     | ≥.              |
| NO CEUNO          |       | 5 . 0        | 6 . 3 | 50.9        | 60.9  | 40.9 | 60.2  | 60.9         | 67.0      | 62.4  | 60.0  | 60.5         | ( ,7      | €, • ° | 25.0         | •               |
| ≥ 20000           |       | 34.2         | 64.2  | 54.2        | 54.2  | 64.2 | 64.2  | 64.2         | 6402      | 54.2  | 64    | 64.2         | 64.2      | £4 a A | 2402         | تعفنا           |
| ≥ 18000<br>≥ 3000 |       | 44.2         | 64.2  | 64.2        | 64.2  |      |       | 64.2<br>54.2 |           | 64.2  | 64.7  | 64.2<br>64.2 | 64.2      | 64.7   | 54.2<br>54.2 | 64.             |
| ≥ '4500           |       | . 4 . 2      | 64    | 54.2        | 64.2  |      |       |              |           |       | 04.2  |              | 54.2      | 64     | .4.2         | 4 .             |
| ≥ 2000            |       | 4 7          | 64.7  | . 1         | 64.7  |      |       |              |           |       | - '   | 64.7         | _         | _      | ' ' _        | 64.7            |
| > 5000            |       | (5.4         | 65.4  |             |       | 65.4 |       |              |           |       |       |              |           |        |              | 15.4            |
| ≥ 9000            |       | 5.5          |       |             |       |      |       |              |           |       |       | 65.5         |           |        | 65.5         |                 |
| ≥ 8000            |       | 67.3         | 67.3  |             |       |      |       |              | 67.3      |       |       | 67.3         |           |        |              |                 |
| ≥ 7000            |       | 67.3         | 67.3  | 67.3        | 67.3  | 67.3 | 67.3  | 67.3         | 67.7      | 67.3  | 67.3  | 67.3         | 67.3      | 67.5   | 57.3         | 67.3            |
| ≥ 6000            |       | 67.3         | 67.3  | 67.3        | 67.3  | 67.3 | 67.3  | 67.3         | 67.7      | 67.3  | 67.3  | 67.3         | 67.3      | 17.5   | 67.          | 67.3            |
| ≥ 5000            |       | 67.3         | 67.3  | 67.5        | 67.3  | 67.3 | 67.3  | 67.3         | 57.3      | 67.3  | 67.   | 67.3         | 67.3      | 67.3   | 57.3         | £7.3            |
| ≥ 4500            |       | €7.3         | 67.3  | 67.3        | 67.3  | 67.3 | 67.3  | 67.3         | 67.7      | 67.3  | 67.3  | 67.3         | 57.3      | +7.3   | 5.7 . 3.     | 67.             |
| ± 4000            |       | 7 1 . 8      | 78.8  | 78.8        | 73.8  | 78.8 | 78.8  | 75.8         | 78.8      | 78.3  | 78.5  | 7: .3        | 70.3      | 75.    | 79.3         | 7c . `          |
| ≥ 3500            |       | 2.5          | 92.6  | 92.6        | 92.7  | 9 7  | 92.8  | 92.5         | 92.5      | 92.3  | 92.5  | 35.4         | 50.00     | 22.    | 22.0         | 4.00            |
| ≥ 3000            |       | <u> 26.3</u> | 96.4  | 76.6        | 96.7  | 76.7 | 96.8  | 96.9         | 96.5      | 96.2  | 96.   | 96.3         | 45.6      | ુદ • ∙ | 54.0         | 9000            |
| ≥ 2500            |       | 96.4         | 96.6  | 96.7        | 96.68 | 96.3 | 96.9  | 96.9         | 96.9      | 36.9  | 96.0  | 96.0         | 94.09     | 96.9   | 46.0         | ^6. • °         |
| ± 2005            |       | 95.8         | 96.4  | 97.         | 97.1  | 07.1 | 97.4  | 97.4         | 97.4      | 97.4  | 97.4  | 97.4         | 97.4      | 67.4   | 77.4         | 97.4            |
| ≥ 800             |       | 97           | 97.1  | 97.2        | 97.3  | 97.3 | 97.6  | 97.6         | 97.6      | 97.6  | 97.6  | 97.6         | 97.5      | 97.5   | 97.6         | 97.5            |
| ≥ 1500            |       | <u> </u>     | 98.3  | <b>≎8.4</b> | 98.6  | 98.6 | 98.9  | 48.9         | 98.9      | 93.9  | 99.9  |              |           | 78.9   | ,8.0         | 25.3            |
| ≥ 1206            |       | >8.3         | 94.5  | 98.7        | 99.7  | 99.7 | 99.4  | 99.4         | 99.4      | 99.4  | 99.4  | 09.4         | 44.4      | 199.4  | 30.7         | 39.4            |
| ≥ 000             |       | 99.3         | 90.5  | 28.7        | 99.7  | 99.0 | 99.5  | 99.5         | 99.5      | 99.5  | 99.5  | 90.5         | 57.5      | 59.5   | 99.5         | 970             |
| . 900             |       | 78.3         | 93.5  | 98.7        | 99.0  | 99.0 | 99.5  | 99.5         | 99.5      | 99.5  | 99.5  | 99.5         | 90.5      | 99.5   | 79.5         | 39.5            |
| ≥ 800             |       | 46.5         | 94.3  | 99.0        | 99.6  | 99.5 | 100.0 | 100.0        | 100.0     | 150.3 | 100.0 | 190.0        | 160.0     | 1 ^0   | 100.0        | 170.            |
| ≥ 700             |       | ეგ. 5        | 98.8  | 99.0        | 99.6  | 99.6 | 100.0 | 100.0        | 100.0     | 100.0 | 150.0 | 100.0        | 180.0     | 100.0  | 1000         | 136.0           |
| ≥ 600             |       | 98.5         | 98.8  | 99.0        | 99.6  | 99.6 | 103.0 | 100.0        | 100.0     | 100.0 | 157.0 | 130.0        | 130.3     | 100.0  | 100.0        | 170.C           |
| ≥ 500             |       | 28.5         | 90.8  | 99.0        | 99.6  | 99.6 | 100.0 | 100.0        | 100.0     | 100.0 | 100.0 | 100.0        | 100.0     | 100.0  | 150.0        | 100.7           |
| ≥ 40C             |       | 98.5         | 98.6  | 99.0        | 99.6  |      |       | 100.0        |           |       |       |              |           |        |              |                 |
| ≥ 300             |       | 78.5         | 99.8  | 99.1        | 99.6  | 99.6 | 100.0 | 100.0        | 100.0     | 100.0 | 100.0 | 100.0        | 100.0     | 100.0  | 100.0        | 130.0           |
| ≥ 200             |       | 78.5         | 98.8  | 99.0        |       |      |       | 10000        |           |       |       |              |           |        |              |                 |
| ≥ 100             |       | 78.5         | 98.8  | 99.0        | 99.6  | 99.6 | 100.0 | 100.0        | 100.0     | 100.0 | 100.0 | 100.G        | 100.0     | 100.0  | 1 30.0       | <b>և նն -</b> 0 |
| . · ·             | _     | 98.5         | 98.8  | 99.1        | 97.6  | 99.6 | 100.0 | 100.0        | 100.0     | 100.0 | 100.0 | 100.0        | 1 t 0 • 0 | 150.0  | 100.7        | 103.0           |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_

Storat CLIMATOLOGY PRANCH CONFETAC AT LEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| (Fa No   |      |          |         |             |      |       | v-\$ | B. ' S' | ATUTE MIL | ES.     |              |        |         |        |              |                |
|----------|------|----------|---------|-------------|------|-------|------|---------|-----------|---------|--------------|--------|---------|--------|--------------|----------------|
| (#EE*)   | ≥ .c | ≥ 6      | ≥ 5     | ≥ 4         | ≥ 3  | ۸۵≤   | ≥ ;  | ≥ ″     | ≥1%       | ≥,      | ≥ 4          | ≥%     | 27      | ≥5116  | 2 4          | ≥.             |
| NO CEUNA | -    | 53.4     | 50.9    | 50.9        | 50.0 | 53.9  | 50.9 | 50.9    | 5 . 3     | F : • 9 | 30.0         | 5; • > | 5 ; • 0 | 50.9   |              | C              |
| ≥ 20000  |      | 55.1     | 55.1    | 56.1        | 56.1 | 5001  | 56.1 | 56.1    | 55.1      | 56.1    | 56.1         | 56.1   |         |        | 55.1         | 26.1           |
| ≥ 18000  |      | 5 ( • 1  | 54.1    | 56.1        | 56.1 | 56.1  | 56.1 | 56.1    | 56.1      | 56.1    | 56.1         | 56.1   | 56.1    | 56 . i | 55.1         | 55.1           |
| ≥ 50%    |      | 54.1     | 56.1    | 56.1        | 56.1 | 56.1  |      |         | 56.1      | 5tol    | 56.1         | 56.1   | 56.1    |        | 54.1         | 56.1           |
| ≥ '4600  |      | 50.1     | 56.1    | 56 • 1      | 56.1 | 56.1  |      |         | 56 • 1    | 56.1    | 56.1         | 56.1   | 50.1    |        | 55.1         | 56.1           |
| ≥ 2000   |      | 55.6     |         |             | 56.6 |       |      |         |           |         |              |        |         |        |              | <u>56•⊍</u>    |
| ≥ 19000  |      | 57.1     | 5 ^ • 1 | 58 • 1      |      |       |      |         | 58 • 1    |         | 58.1         | · - 1  |         | 1      |              | 50.1           |
| ≥ 9000   |      | 50.1     | 54.7    | 59.2        | 55.2 | 58.2  |      |         |           |         |              |        | 5: . 2  | 58.2   | 50.7         | _5 <b>5•</b> € |
| ≥ 8000   | :    | -0.5     | 60.6    | 6.0•6       | 60.6 | ნე•6  |      |         |           |         |              |        | 6. •6   |        | 67.6         | € Ú • n        |
| ≥ 2000   |      | -0.7     | 60.7    | <u>60.7</u> | 60.7 |       |      |         |           | 65.7    |              |        |         |        | <u>5.°•7</u> | 5007           |
| 2 6000   |      | 60.7     | 60.7    | 60.7        | 60.7 | 6.3.7 | 63.7 | 60.7    | 60.7      | 667     | 61.7         | 63.7   |         |        | 65.7         | * 4 • 7        |
| ≥ 5000   |      | 7 و ز. ۱ | 63.7    | 60.7        | 60.7 | 63.7  | 60.7 | 60.7    | 60.7      | 6L.7    | 61.07        | 63.7   | 67      |        |              | 60.7           |
| ≥ 4500   |      | (1.4     | 61.5    | 61.d        |      |       | 61.0 | €1.0    | 51.1      | 61.0    | <b>01.</b> 0 | 61.0   | 61.0    |        |              | 11.            |
| ± 400€   |      | 75.3     | 75.3    | 75.3        | 75.4 |       |      |         |           |         | 75.4         | -      |         |        |              |                |
| ≥ 3500   | į    | ~2.7     | 62.9    | 93.0        | 93.1 | ი3.1  | 93.1 |         |           |         | 93.1         | 93.1   | 07.1    | ₹3.1   | 93.1         | 73.1           |
| ≥ 3900   |      | 25.9     |         | 96.         | 76.4 | 96.4  |      |         |           |         |              |        |         | 4600   | 76.5         | 300            |
| 2 2500   |      | 36.1     | 96.3    | 96.5        | 96.6 | 96.6  | 95.7 | 96.7    |           |         | 96.7         | 96.7   | 96.7    | 46.7   | 76.7         | 95.7           |
| ± 2000   |      | ? ક.4    | 96.5    | 96.9        | 97.1 | 57.1  | 97.2 |         |           |         |              | 97.2   | 97.2    | 97.2   | 57.2         | 97.2           |
| ≥ '800   |      | ್ ೧ • 5  | 96.3    | 77.1        | 97.2 | 97.2  | 97.3 | 97.3    | 97.3      | 97.5    | 97.3         | 97.3   | 97.3    | 97.3   | 37.3         | 97.3           |
| ≥ 1500:  |      | 28.      | 99.4    | იმ.6        | 93.8 | 98.8  | 98.9 | 98.9    | 98.9      | 98.9    | 96.9         | 9:.9   | 98.9    |        |              | 78.9           |
| ≥ 1200   | '    | ೧৪•5     | 99.     | 29.1        | 99.4 | 99.4  | 99.5 | 99.6    | 99.6      | 99.6    | 99.6         | 99.6   | 99.6    | 99.0   | ି9 • ଶ       | 99.4           |
| ≥ .000   |      | 78.5     | 99.     | 29.2        | 99.5 | 99.5  | 99.6 | 99.7    | 99.7      | 99.7    | 99.7         |        |         |        |              | C9.7           |
| ≥ 90€    |      | 28.6     | 99.1    | 00.1        | 99.6 | \$9.6 | 99.7 | 99.8    | 99.8      | 99.8    | 99.9         | 09.8   | 99.5    | 99.8   | 99.P         | 99.5           |
| ≥ 8(K)   |      | 78.7     | 99.3    | 99.3        | 30.7 | 99.7  | 99.8 | 99.9    | 99.9      | 99.9    | 60.0         |        |         | 99.9   | 99.9         | ၁၇၂            |
| ≥ 700    |      | 36.7     | 99.2    | 99.4        | 99.7 | 99.7  | 99.9 | 99.9    | 99.9      | 99.9    | 99.9         | 99.9   | 99.9    | 99.9   | 33.0         |                |
| ≥ 600    |      | 38.7     | 99.3    | 97.4        | 49.7 | 49.7  | 99.9 | 99.9    | 99.9      | 99.9    | 99.9         | 99.9   | 99.9    | 99.9   | 99.9         | 75.0           |
| ≥ 500    |      | 38.7     | 99.2    | 99.4        | 99.6 | 99.8  | 99.9 | 100.0   | 100.0     | 100.0   | 100.0        | 100.0  | 150.0   | 100.0  | 137.3        | 1000 d         |
| ≥ 40C    |      | 78.7     | 99.2    | 99.4        | 99,9 | 99.8  | 99.9 | 100.0   | 100.0     | 100.0   | 100.0        | 100.0  | 100.0   | 100.0  | 1 .0.5       | 130.7          |
| ≥ 300    |      | 78.7     | 99.3    | 99.4        | 99.8 | 99.8  | 99.9 | 130.0   | 130.0     | 100.0   | 100.0        | 100.0  | 100.0   | 100.0  | 130.0        | 100. J         |
| 2 20C    |      | 98.7     | 99.2    | 99.4        |      |       | 99.9 | 100.0   | 100.0     | 100.0   | 100.0        | 100.0  | 100.0   | 100.0  | 160.0        | 100.0          |
| ≥ 100    |      | 08.      | 99.2    | 99.4        | 99.8 | 99.8  | 99.9 | 100.0   | 100.0     | 100.3   | 100.0        | 100.0  | 100.0   | 100.0  | 100.0        | 100.0          |
| ≥ 0      |      | 98.7     | 99.3    | 79.4        | 99.8 | 99.8  | 99.9 | 10.0    | ier.d     | 100.0   | 100.0        | 100.0  | 110.0   | 100.0  | 100.0        | 100.0          |

TOTAL NUMBER OF OBSERVATIONS

LE CAL CLIMATCLOUY FRANCH C ACETAC BY FIATHER SERVICEMAC

### CEILING VERSUS VISIBILITY

Z 1 LAUFU AF

71-86

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| ^E. № )            |       |              |      |       |              |      | v·\$         | 8.** 5*/ | ATUTE MILI | ES.  |      |       |      |         |                |              |
|--------------------|-------|--------------|------|-------|--------------|------|--------------|----------|------------|------|------|-------|------|---------|----------------|--------------|
| /÷56°s             | \$ 14 | ≥6           | ≥ 5  | ≥ 4   | ≥ 3          | ≥27  | 2.           | ≥ ″      | ≥'%        | ≥1   | ٤ ،  | ≥ %   | 27   | ≥5/16   | 2.             | ≥č           |
| NOLCEUNO           |       | 47.3         | 47.3 | 47.3  | 47.3         | 47.3 | 47.3         | 47.3     | 47.3       | 47.3 | 47.3 | 47.3  | 47.3 | 47.3    | 47.3           | 47.3         |
| ≥ 20000            |       | 49.9         | 47.3 | 49.7  | 49.9         | 49.9 | 49.9         | 49.9     | 49.9       | 49.0 | 47.5 | 47.9  | 47.9 | 49.9    | 49.3           | 49.4         |
| ≥ -8000            |       | 47.3         | 40.9 | 43.4  | _            |      | 49.9         | 49.9     | 49.0       |      |      |       | 49.9 | 49.5    | 45.3           | 49.0         |
| ≥ 16.10K           |       | 47.9         |      | 49.9  |              |      |              |          | 49.9       |      |      |       |      | 49.5    | 49.0           | —— <u></u> - |
| ≥ 14600<br>≥ 12000 |       | 4 9          |      | 49.3  | _            |      | 49.9         |          | 40.0       |      |      | -     | _    | 40.4    | 49.9           |              |
|                    |       | 50.3         | 50.3 | 5 . 3 | 5 . 3        |      |              |          | 5.0.3      |      | 50.3 |       |      | 56.3    | 73.3           | ' ول: `      |
| ≥ 19600<br>≥ 9900  |       | 1.1          | 1 1  | 51.1  | 51.1         |      | 51.1         | 51.1     | 51.1       | 51.1 | 51.1 | 51.1  | 51.1 | 1.1     | 51.1           | -1-1         |
|                    |       | 1.2          |      | 51.2  | 51.2         |      |              |          | 51.2       |      | 51.2 | 51.2  | 51.2 | 106     | 11.2           | -1.2         |
| ≥ 800C<br>≥ 200C   |       | 54.0         | II   | 54.1  | 54.1         |      | 54.1         | 54 - 1   | 54.1       | 54.1 | 54.1 | 54.1  | 54.1 | 4.1     | 54.1           | 54.1         |
|                    |       | 74.1         | 54.1 | 54.2  | 54.2         |      |              |          | 54.2       |      | 54.2 | 54.2  | 54.2 | 14.2    | <u> 54 • ?</u> | 40.          |
| ≥ 6000<br>≥ 5000   |       | 54.1         | 54.1 | 54.2  |              |      | 54.2         | 54.2     | 54.2       | 54.2 | 54.2 | 54.2  | - 1  | 5.4 • 2 | 54.2           | 54.2         |
|                    |       | 4.1          | 54.1 | 54.2  | 54.2         |      |              |          | 54.7       |      | 54.  | 54.2  | 54.2 | 1402    | 54.2           | 54.2         |
| ≥ 4500<br>± 4000   |       | 4.1          | 1    | 54.2  |              |      |              | 54.2     | 54 • 2     | 54.2 | 54.2 | 54.2  |      | 54.0    | 54.2           |              |
| 2 3500             |       | 63.7         | 63.9 | 63.9  | 64.0         |      | 54.0         | 64.0     | 04.0       | 64.0 | 64.0 | 64.0  | 64   | £4.     | 24             | (4)          |
| ≥ 3000             |       | 84.2         | . 1  | 85.1  |              |      |              | 85.2     | 85.3       |      | 95.3 | 95.3  |      | °5.3    | .5.7           | 200          |
| > 2500             |       | 8/.2         |      | 90.2  | 90.3<br>91.8 | 23.3 | 99.3         |          | 97.4       |      |      |       | 91.9 | 71.     | , j 4          | 30.4         |
| 2 2000             |       | ≎∟•6<br>71•9 | 1 1  | 91.6  | 93.0         |      | 91.8<br>93.0 | 91.8     | 91.0       | 91.9 | 91.0 | 93.1  | 97.1 | 53.1    | >1.5           | 91.9         |
| ≥ '800             |       | 72.1         |      | 93.1  | 93.2         |      |              | ¢3.2     | 93.3       | 93.3 | 93.3 | 03.3  |      | 23.3    | 7.3            | 77.3         |
| ≥ 1500             |       | 03.8         | 94.6 | 95.0  |              | 95.2 |              | 95.3     | 75.4       |      | 95.4 | 7.7.1 |      | 95.4    | 75.4           | 25.4         |
| ≥ 1206             |       | 95.1         |      | °6.3  |              |      | 96.9         |          | 97.0       | 97.0 | 97.r |       |      | 07      | 97.0           | 7            |
| ≥ .000             |       | 25.3         | 95.2 |       |              |      | 97.4         | 97.5     | 97.7       |      | 97.7 | -     | 97.7 |         |                | · ·          |
| ≥ 90€              |       | 75.7         |      |       |              |      | 97.8         |          | 98.1       | 98.0 | 98.7 | 98.0  |      |         |                | 08.0         |
| ≥ 800              |       | 95.9         |      | 97.1  | 97.7         | 1    |              | 96.3     | 98.4       |      | 98.4 |       | 95.4 |         |                |              |
| ≥ 700              |       | 95.9         |      | 97.1  |              |      |              | 98.3     | 98.4       |      | 98.4 |       | 58.4 | ଦ8.4    |                | 76.4         |
| ≥ 600              |       | 06.4         |      | 97.8  | - 1          | - 1  |              | 99.3     | 99.4       |      | 99.4 |       | - 1  |         |                | 99.4         |
| ≥ 500              |       | 76.4         |      | 97.8  |              |      | 99.1         | 99.3     | 99.4       |      | 99.4 |       |      |         |                |              |
| 2 40C              |       | 96.7         |      | 98.0  | 98.7         | 98.9 |              |          |            | 99.7 | 99.7 | 99.7  | 99.7 | 29.7    |                |              |
| <u>≥</u> 300       |       | 26.7         | 97.7 | 98.0  | 98.7         | 98.9 | 99.3         | 99.6     | 99.7       | 99.7 | 99.7 | 99.7  | 99.7 | 99.7    | <b>୬</b> ≎.8   | 99.0         |
| 2 200              |       | 26.7         |      | 98.0  |              |      |              |          | 99.7       | 99.7 | 99.7 | 99.7  | 99.7 | 99.7    | 99.F           | 66.4         |
| > 100              |       | 96.7         | 97.7 | 98.0  | 98.7         | 98.9 | 99.3         | 99.6     | 99.7       | 99.7 | 99.7 | 99.7  | 99.7 | 99.7    | ३७.व           | 99.5         |
| 2 0                |       | 76.7         | 97.7 | 98.0  | 98.7         | 98.9 | 99.3         | 99.6     | 99.7       | 99.7 | 99.7 | 99.7  | 59.7 | 99.7    | 99.9           | 100°C        |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAF ETAC PORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CREOLE

897

OL PAL CLIMATOLOGY RRANCH AT LEATHER SERVICEZHAC

#### CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CE L No.              |      |                | _     |        |         |      | v·5  | B . ** 5*    | ATUTE MIL | E5            |      |       |       |        |         |          |
|-----------------------|------|----------------|-------|--------|---------|------|------|--------------|-----------|---------------|------|-------|-------|--------|---------|----------|
| ##£*1                 | ≥ 'S | ≥ 6            | ≥5    | ≥ 4    | ≥ 3     | 22%  | ≥.;  | ≥ %          | ≥11/4     | ≥.            | ≥ 4  | ≥%    | 2"    | ≥5/^6  | 2 6     | ≥c       |
| NO 18 UN +<br>≥ 2000€ |      | 47.5           | 47.5  |        | 47.5    |      |      |              | -         |               | 47.5 | 47.5  | -     | 47.5   |         | -        |
|                       |      | 47, 94         | 4 - 4 |        | 4: • 4  |      |      |              |           |               |      | 48.4  |       |        | 43.4    |          |
| ≥ 18000<br>≥ 18000    |      | 4 4            | 1 1   | 1      | 4 - 4   |      | 1    |              |           |               | 42.4 | 43.4  | _     |        |         | ľ        |
| ļ <u> </u>            |      | 43.4           |       |        | 4 . 4   |      |      |              |           |               |      |       |       |        |         |          |
| ≥ 14600<br>≥ 12000    |      | 4 2 • 4        | 1     | 1      | 45.4    |      | - 1  |              |           |               |      | 48.4  |       |        | I ' * . |          |
| <b>├</b>              |      | 4 6            |       |        |         |      |      |              | 48.6      |               |      |       |       |        | 48.6    |          |
| ≥ 10000<br>≥ 9000     |      | 70.4           |       | - 1    | 50.4    |      |      | ານ•4         |           |               |      |       | 5.7.4 | 50.4   |         |          |
|                       |      | 3.4            | 52.4  |        | 50.4    |      |      |              |           |               |      |       |       | 55.5   |         |          |
| ≥ 9000<br>> 7000      |      | 52.1           |       | 52 • 1 | 52.1    |      |      | 52.1         |           | 52.1          | 1    | 52.1  | 50.1  |        | 57.1    | 1        |
| <u> </u>              |      | 52.1           | _     | 52.1   | 52.1    |      |      | 52.1         | 52.1      | 52.1          | 52.1 | 52.1  | 52.1  | 12.1   | 52.1    | <u> </u> |
| ≥ 6000<br>≥ 5600      | [    | 52.1           |       | 52 • 1 | 52.1    | 52.1 |      | 52 - 1       |           | 52.1          |      | 52.1  | 57.1  | 52.1   | . 2 • 1 | ,        |
| L                     |      | 52.1           |       | 52.1   | 52.1    |      |      |              |           | 52.1          |      | 52.1  |       | 52.1   | - 201   | 5203     |
| ≥ 450C<br>± 400C      |      | - 52 <b>⋅3</b> | 52.3  | 52.3   | 52.3    |      |      | 52.3         |           | 1 7           |      |       |       |        | 1       |          |
|                       |      | <u>62.3</u>    | 62.4  | 52.4   | 62.4    |      | 52.4 |              |           |               | 62.4 |       |       |        | 62.4    | 46.4     |
| 2 3500                | į    | - 3 <b>.</b> € | 84.4  | 24.4   | E 4 • 5 | 64.5 | 34.5 | °4.5         | 84.5      | 94.5          | 54.5 |       |       | 24 · 5 | ~ 4 . 5 | 14.5     |
| 2 3000                |      | 98.4           |       | 69.1   | 89.4    | 89.4 | 89.4 | 89.4         | 89.4      | 89.4          | 80.4 | 87.4  | 84.4  |        |         |          |
| ≥ 2500                |      | 30.4           | 90.4  | 90.4   | 90.7    | 93.7 | 90.7 | 00.7         | 97.7      | 90.7          | 90.7 | 9.5.7 | 9 7   | 90.7   | 40.7    | ° )• ?   |
| 2000                  |      | 91.0           | 91.4  | 91.6   | 92.1    | 92.1 | 92.1 | 92.1         | 92.1      | 92.1          | 92.1 | 92.1  | 92.1  | 92.1   | 52.1    | 1        |
| ≥ '800                | Ţ    | 91.3           | 92.4  | 92.d   | 92.4    | 92.4 | 92.4 | 92.4         | 97.4      | 92.4          | 92.4 | 92.4  | 92.4  | 92.4   | y?.4    | 12.4     |
| ≥ 1500                |      | 94.            | 95.0  | 95.2   | 95.9    | 95.9 | 95.9 | <u> 95.9</u> | 95.9      |               | 95.9 | 95.9  | 95.9  | 95.9   | 95.9    | ्रहु•ु   |
| ≥ 1200                |      | 95.0           | 95.0  | 96.1   | 97.1    | 97.1 | 97.1 | 97.1         | 97.1      | 97.1          | 97.1 | 97.1  | 97.1  | 97.1   | 97.1    | 97.1     |
| ≥ .000                |      | 95.5           | 96.5  | 96.9   | 97.7    | 97.7 | 97.7 | 97.7         | 97.7      | 57 <u>.</u> 7 | 97.7 | 97.7  | 97.7  | 97.7   | 97.7    | 97.7     |
| ≥ 90€                 |      | ಾ5.7           | 96.7  | 97.0   | 97.9    | 97.9 | 97.9 | 98.1         | 98.7      | 98.0          | 98.7 | 96.1  | 99.1  | 29.1   | 93.1    | 98 • 1   |
| ≥ 800                 |      | 95.9           |       | 97.2   | 98.2    | 95.2 | 98.2 | 98.3         | 98.3      | 98.3          | 98.3 | 98.4  | 95.4  | 98.4   | 44.4    | 35.4     |
| ≥ 700                 |      | 96.0           | 97.0  | 97.3   | 98.3    | 98.3 | 98.3 | 98.4         | 98.4      | 98.4          | 98.4 | 98.6  | 98.6  | 38.6   | 98.6    | 48.04    |
| ≥ 600                 | İ    | 96.1           | 97.4  | 97.a   | 98.9    | 98.9 | 98.9 | 99.0         | 99.0      | 99.0          | 99.7 | 99.1  | 99.1  | 79.1   | 99.1    | 99.1     |
| ≥ 500                 |      | ಾ6.5           | 97.8  | 98.1   | 99.3    | 99.3 | 99.3 | 99.4         | 99.4      | 59.4          | 99.4 | 77.6  | 99.6  | 99.t   | 99.6    | 99.5     |
| ≥ 400                 |      | ಿ6•5           | 97.4  | 98.1   | 99.3    | 99.3 | 99.3 | 99.4         | 99.4      | 99.4          | 99.4 | 99.6  | 99.5  | 99.5   | 39.4    | 99.6     |
| ≥ 300                 |      | 96.5           | 97.8  | 98.1   | 99.3    | 99.3 | 99.3 | 99.4         | 99.4      | 99.4          | 99.4 | 99.6  | 99.5  | 99.6   | 99.4    | J. O. F. |
| ≥ 200                 |      | 96.9           | 97.5  | 98.1   | 99.3    | 99.3 | 99.3 | 99.6         | 99.6      | 99.8          | 99.8 | 99.9  | 100.0 | 100.3  | 1:00.3  | 170.0    |
| > 100                 |      | 26.5           | 97.8  | 98.1   | 99.3    | 99.3 | 99.3 | 99.6         | 99.5      | 99.8          | 99.9 | 99.9  | 100.0 | 100.0  | 130.0   | 176.3    |
| 3 0                   | }    | 76.5           | 97.8  | 98.1   | 99.3    | 99.3 | 99.3 | 99.6         | 99.6      | 99.8          | 99.8 | 99.9  | 107.d | 100.J  | 100.0   | 105.     |

HOZARA VUCLOTANTIO LAN U. FATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1 2 1 LAUFS A: AT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| <del></del> |     |       |      |       | _    |      |      |           |           |            |      |      |      |                |       |         |
|-------------|-----|-------|------|-------|------|------|------|-----------|-----------|------------|------|------|------|----------------|-------|---------|
| *E : N/2    |     |       |      |       |      |      | • \$ | 8 . ** 5* | ATUTE MIL | <b>E</b> S |      |      |      |                |       |         |
| #EE'\       | ≥ : | ≥6    | ≥5   | ≥ 4   | ≥ ;  | >2%  | ≥.   | ≥ %       | ≥1%       | ≥,         | ≥ 4  | ≥ %  | ≥ י  | ≥5/16          | 2 *   | خڍ      |
| NO FEUND    |     | 37.5  | 37.5 | 37.5  | 37.5 | 77.5 | 37.5 | 37.5      | 37.5      | 37.5       | 37.5 | 37.5 | 37.5 | 37.5           | 37.5  | 37.5    |
| ≥ 20000     |     | .2.2  | !    |       |      | 42.2 |      |           | 42.2      | 42.2       | 42.2 | 42.2 | 42.2 | 42.3           | 42.2  | 42.     |
| ≥ 18000     |     | 42.2  | 47.2 | 42.2  | 42.2 | 42.2 | 42.2 | 42.2      | 42.2      | 42.2       | 42.2 | 42.2 | 42.2 | 42.1           | 7.    | 42.0    |
| ≥ 678C      |     | 42.2  | 42.2 | 1.2.2 | 42.2 | 42.2 | 42.2 | 42.2      | 42.2      | 42.2       | 42.2 | 42.2 | 42.2 | 42.2           | 42.2  | 42.2    |
| ≥ 14000     |     | 4.7.2 | 42.2 | 42.2  | 47.2 | 42.2 | 42.2 | 42.2      | 42.2      | 42.2       | 42.2 | 42.2 | 42.2 | 42.2           | 42.2  | 42.2    |
| ≥ 200€      |     | 02.2  | 42.2 | 42.2  | 42.2 | 42.2 | 42.2 | 42.2      | 42.2      | 42,2       | 42.2 | 42.2 | 47.2 | 42.2           | 42.2  | 42.02   |
| ≥ 19090     |     | 43.4  | 43.4 | 43.4  | 43.4 | 43.4 | 43.4 | 43.4      | 43.4      | 43.4       | 43.4 | 43.4 | 47.4 | 43.4           | 43.4  | 4 3 . 4 |
| ≥ 9000      |     | 43.4  | 43.4 | 43.4  | 43.4 | 43.4 | 43.4 | 43.4      | 43.4      | 43.4       | 47.4 | 43.4 | 47.4 | 43.4           | 43.4  | 43.4    |
| ≥ 8000      |     | 47.2  | 47.2 | 47.2  | 47.3 | 47.3 | 47.3 | 47.3      | 47.3      | 47.3       | 47.3 | 47.3 | 47.3 | 47.3           | 47.3  | 47.3    |
| ≥ 7000      |     | 47.4  | 47.4 | 47.4  | 47.5 | 47.5 | 47.5 | 47.5      | 47.5      | 47.5       | 47.5 | 47.5 | 47.5 | 47.5           | 47.5  | 47.5    |
| ≥ 6000      |     | 47.4  | 47.4 | 47.4  | 47.5 | 47.5 | 47.5 | 47.5      | 47.5      | 47.5       | 47.5 | 47.5 | 47.5 | 47.5           | 47.5  | 47.5    |
| ≥ 5000      |     | 47.6  | 47.4 | 47.6  | 47.7 | 47.7 | 47.7 | 47.7      | 47.7      | 47.7       | 47.7 | 47.7 | 47.7 | 47.7           | 47.7  | 47.7    |
| ≥ 4500      |     | 41.0  | 40.2 | 43.2  | 49.3 | 48.3 | 49.3 | 48.3      | 48.3      | 48.3       | 48.3 | 45.3 | 4 3  | 48.3           | 42.2  | 45.3    |
| ± 4000      |     | 50.3  | 61.0 | 61.1  | 61.4 | 51.4 | 61.4 | 61.4      | 61.4      | 61.4       | 61.4 | 61.4 | 51.4 | 61.4           | 11.4  | 41.4    |
| ≥ 3500      |     | 22.9  | 83.2 | 93.4  | £3.9 | 83.9 | 83.9 | 83.9      | 83.7      | 83.9       | 83.9 | 83.9 | ٤3.0 | a <b>3</b> . ç | 03.7  | 33.≎    |
| ≥ 3000      |     | 37.5  | 88.0 | 88.2  | 68.7 | €8.7 | 88.7 | 58.7      | 88.7      | 38.7       | 88.7 | 88.7 | 88.7 | 88.7           | 28.7  | -9.7    |
| ≥ 2500      |     | 3.5   | 89.1 | 49.3  | 89.8 | 89.8 | 89.8 | 89.8      | 89.4      | 89.8       | 89.0 | 99.8 | 8¢.3 | 89.8           | 29.0  | 39.€    |
| ± 2000      |     | 58.9  | 80.3 | 89.7  | 90.4 | 90.4 | 90.4 | 90.4      | 92.4      | 90.4       | 90.4 | 93.4 | 97.4 | <b>33.</b> 4   | 4 2 4 | 90.4    |
| ≥ '800      |     | 6.03  | 87.9 | 90.2  | 91.0 | 91.0 | 91.0 | 91.0      | 91.0      | 91.0       | 91.0 | 91.0 | 91.0 | 91.            | 71.   | 21.00   |
| ≥ 1500      |     | 92.4  | 93.4 | 93.9  | 95.3 | 95.3 | 95.4 | 95.4      | 95.4      | 95.4       | 95.4 | 95.4 | 95.4 | 95.4           | 25.4  | 1.5.4   |
| ≥ 1200      |     | 93.9  | 94.9 | 95.3  | 96.9 | 96.9 | 97.0 | 97.0      | 97.0      | 97.0       | 97.0 | 97.0 | 97.3 | 97.0           | ⇒7.0  | ٠٠,٢٠٠  |
| ≥ .000      |     | 24.3  | 95.4 | 95.9  | 97.4 | 97.4 | 97.6 | 97.6      | 97.6      | 97.6       | 97.6 | 97.6 | 97.6 | 97.6           | 97.6  | €7.e    |
| ≥ 90€       |     | 94.   | 95.4 | 75.9  | 97.4 | 97.4 | 97.6 | 97.8      | 97.8      | 97.8       | 97.0 | 97.8 | 97.8 | 97.3           | 97.8  | 97.4    |
| ≥ 800       |     | 24.4  | 95.6 | 96.0  | 97.7 | 97.7 | 97.8 | 98.1      | 98.1      | 96.1       | 98.1 | 98.1 | 98.1 | 58.1           | ₹9.1  | 4001    |
| ≥ 700       |     | 94.5  | 95.7 | 96.1  | 97.8 | 97.8 | 97.9 | 98.3      | 98.3      | 96.3       | 98.3 | 96.3 | 98.3 | 96.3           | 78.3  |         |
| ≥ 600       |     | 75.0  | 96.2 | 76.7  | 78.3 | 98.3 | 98.4 | 98.9      | 98.9      | 96.9       | 98.9 | 98.9 | 99.7 |                | 99.7  |         |
| ≥ 500       |     | 75.1  | 96.3 | 96.9  | 98.6 | 98.6 | 98.7 | 99.1      | 99.1      | 99.1       | 99.1 | 99.1 | 99.2 | 99.2           | 30.5  |         |
| ≥ 40C       |     | 95.3  | 96.6 | 97.1  | 98.8 | 98.8 | 98.9 | 99.3      | 99.3      | 99.3       | 99.3 | 69.3 | 99.6 | 99.5           | 79.6  | 69.6    |
| ≥ 300       |     | 75.3  | 96.6 | 97.1  | 98.8 |      |      |           | 99.3      | 99.3       | 99.3 | 99.4 | 99.7 | 99.7           | 99.7  | 99.7    |
| ≥ 200       |     | 95.3  | 96.6 | 97.1  | 98.8 | 98.8 | 98.9 | 99.3      | 99.4      | 99.6       | 99.6 | 99.7 | 99.9 | 99.9           | 99.9  | 49.7    |
| > 100       |     | 75.3  | 96.6 | 97.1  | 98.8 | 98.8 | 98.9 | 99.3      | 99.4      | 99.6       | 99.6 | 99.7 | 53.9 | 99.7           | 39.9  | 99.4    |
| .≥ ∪        |     | 05.3  | 96.6 | 97.1  | 98.8 | 98.8 | 98.9 | 99.3      | 99.4      | 99.6       | 99.4 | 99.7 | 99.9 | 99.9           | 99.9  | 103.0   |

TOTAL NUMBER OF OBSERVATIONS 879

LE HAL CLIMATOLOGY TRANCH AT REATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|                 |      | ·       |       |      |             |         | . 5           | B.** 5* | ATUTE MIL | E 5    |       |              |          |        | -            |       |
|-----------------|------|---------|-------|------|-------------|---------|---------------|---------|-----------|--------|-------|--------------|----------|--------|--------------|-------|
| CEIL NO         | ≥ 'C | ≥ 6     | ≥:    | ≥ 4  | 21          | 204     | ≥;            | ≥ ″     | 21%       | ≥,     | ≥ %   | ≥ %          | . 27     | ≥5/16  | 2.4          | ≥.    |
| NO CEUNO        |      | 37.6    | 35.6  | 75.6 | 3 .6        | 75.6    | 35.6          | 75.6    | 35.6      | 35.5   | 35.6  | 33.6         | 35.5     | 15.t   | 75.6         | 35.5  |
| ≥ 20000         |      | 44.     | 44.   | 44.0 | 44.0        | 44.0    | 44.5          | 44.0    | 44.0      | 44.0   | 44.0  | 44.0         | 44.0     | 44.0   | 44.          | 440   |
| ≥ 18000         |      | 44.     | 44.   | 44.0 | 44.7        | 44.3    | 44.0          | 44.7    | 44.0      | 44.0   | 44.0  | 44.0         | 44.0     | 44.0   | 44.3         | 44.   |
| ≥ 5000 .        |      | 114 .   | 44.   | 44.3 | 44.7        | 44.0    | 44.7          | 44.0    | 44.7      | 44.0   | 44.0  | <b>44.</b> 0 | 44.0     | 44.    | ~4€          | 440   |
| ≥ '4000         |      | 44.     | 44.   | 34.0 | 44.0        | 44.0    | 44.0          | 44.0    | 44.0      | 44.0   | 44.   | 44.0         | 44.5     | 44.0   | 44.7         | 44.   |
| ≥ 1200€         |      | 44.4    | 44.4  | 44.4 | 44.4        | 44.4    | 44.4          | 44.4    | 44.4      | 44.4   | 44.4  | 44.4         | 44.4     | 44.4   | 44.4         | 44.4  |
| ≥ 1000€         |      | 45.1    | 4 . 7 | 45.7 | 45.7        | 45.7    | 45.7          | 45.7    | 45.7      | 45.7   | 45.7  | 45.7         | 45.7     | 45.7   | 45.7         | 45.7  |
| ≥ 9000<br>≥     |      | 45.7    | 45.7  | 45.7 | 45.7        | 45.7    | 45.7          | 45.7    | 45.7      | 45.7   | 45.7  | 45.7         | 45.7     | 45.7   | 45.          | 45.7  |
| ≥ 8000          |      | 4 + . 6 | 49.6  | 49.6 | 47.6        | 49.0    | 47.6          | 49.6    | 49.6      | 49.6   | 49.5  | 49.6         | 49.6     | 49.5   | 43.6         | 49.5  |
| 2 7000          |      | 49.6    | 47.6  | 44.6 | 4 < . 6     | 49.6    | 47.6          | 49.6    | 49.6      | 44.6   | 47.6  | 49.6         | 40.6     | 49.6   | 40.6         | 49.5  |
| ≥ 600€          |      | 43.6    | 47.6  | 49.6 | 49.6        | 49.6    | 49.6          | 49.6    | 49.6      | 49.6   | 49.6  | 49.6         | 44.6     | 49.6   | 49.5         | 47.6  |
| ≥ 500C          | _ 1  | 50.1    | 50.1  | 54.1 | _ ઽ િ • પ્ર | 50.1    | 50.1          | 50.1    | 50.1      | 50.1   | 50.1  | 5C-1         | 53.1     | 50.1   | 50.1         | 5401  |
| ≥ 450C          |      | 50.A    | 50.8  | 50 € | 57.8        | 50.8    | 50.8          | 50.9    | 50.8      | 50.6   | 50.8  | 50.6         | 50.5     | 50 • R | 50.9         |       |
| 2 400C          | 1    | . 4 . 1 | 64.1  | 64.1 | 64.1        | 64.1    | 64.1          | 64.1    | 64.1      | 64.1   | 64.1  | 64.1         | 54.1     | 64.1   | 64.1         | £4.1  |
| ≥ 350C          |      | 66.     | 8(.1  | 86.1 | 84.3        | 86.3    | 66.3          | 66.3    | 86.3      | 86.3   | 85.3  | 86.3         | 81.3     | 46.3   | 86 <b>.3</b> |       |
| 2 3000          | į    | 89.2    | 89.3  | 39.3 | 87.8        | 89.8    | 89.8          | 89.8    | 89.8      | 89.9   | 89.6  | 99.8         | 89.8     | 89.6   | 37.6         | 89.3  |
| ≥ 2500          |      | 69.8    | 89.9  | 99.9 | 9.7.3       | 70.3    | 90.3          | 90.3    | 90.3      | OL . 3 | 90.1  | ¢0.3         | 9' . 3   | 90.3   | 25.3         | 9     |
| ₫ 2000          |      | ∘ე.3    | 90.4  | 90.4 | 91.d        | 21.0    | 91.3          | 91.0    | 91.0      | 01.0   | 91.0  | 91.3         | 91.0     | 71.3   | 91.0         | 1.1.  |
| ± 1800          |      | 90.3    | 90.4  | 90.4 | 91.0        | 21.0    | 91.0          | 91.0    | 91.0      | 91.0   | 91.7  | 01.1         | 91.0     | 91.0   | 41.7         | 91.   |
| ≥ 1500          |      | 74.3    | 94.   | 04.8 | 95.6        | 95.6    | 95.5          | 95.6    | 95.7      | 95.9   | 95.8  | 95.8         | 95.3     | 95.4   | 45.8         | 95.3  |
| ≥ 1200          |      | 95.6    | 95.9  | 96.4 | 97.6        | 97.6    | 97.7          | 97.7    | 97.5      | 97.9   | 97.9  | 97.9         | 97.9     | 37.9   | 97.9         | 97.9  |
| ≥ .000          |      | 96.0    | 96.3  | 26.9 | 98.1        | 98.0    | 98.1          | 98.1    | 98.2      | 98.3   | 98.3  | 98.3         | 98.3     | 78.3   | 96.7         | 98.3  |
| 2 900           |      | 26.7    | 97.   | 97.6 |             |         |               |         | 98.9      | 99.0   | 99.0  | 99.0         |          | 99.0   | 39.7         | 99.   |
| ≥ 800           |      | 97.0    | 97.3  | 97.9 | 99.0        | 99.0    | 99.1          | 99.1    | 99.2      | 99.3   | 99.3  | 99.3         | 90.3     | 99.3   | 99.3         | 09.3  |
| <u>&gt; 700</u> |      | 97.0    | 97.4  | 98.0 | 99.1        | 99.1    | 99.2          | 99.2    | 99.3      | 99.4   | 99.4  |              |          | 79.4   | 97.4         | 99.4  |
| ≥ 600           |      | 27.0    | 97.4  | 1    |             | 99.3    |               |         |           | 99.9   | 99.9  | 99.9         | 99.9     | 99.9   | 99.5         | 94.0  |
| ≥ 500           |      | 27.0    | 97.4  |      | 99.3        | 99.3    | 99.7          | 99.7    |           | 99.9   |       |              |          |        | 99.0         | 99.9  |
| ≥ 40C           |      | 97.1    | 97.6  |      | - 1         |         |               |         |           | 100.0  | _     |              |          | -      | 100.0        | າລບ.ເ |
| ≥ 300           |      | 97.1    | 97.6  |      | 99.4        |         |               |         |           | 100.0  |       |              |          | ĺ      |              |       |
| 2 200           |      | 97.     | 97.4  | 7    | 99.4        |         |               | _       |           | 100.0  | 100.0 | 170.0        | 130.0    | 100.0  | 100.0        | 100.0 |
| > 100           |      | 77.1    | 97.6  |      | 99.4        |         | $\overline{}$ |         |           | 100.0  |       |              |          |        |              |       |
| . · · · ·       |      | 37.     | 97.6  | l I  | • • • •     | - ,     |               |         | •         | 100.0  |       |              | <b>-</b> |        |              | 1     |
|                 |      |         | 7109  | 70.4 | 7 / 0 3     | . , , 4 | 7,00          | .,,,,   |           |        |       |              |          |        | - U C -      |       |

LE TAL CLIMATOLOGY BRANCH CATETAC AL - FATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1. "-14".

| Œ, NO               |       |                    |                    |              |              |      | •15          | 8. ** 5**    | ATUTE MILI   | E 5          |              |              |              |                | -               |                |
|---------------------|-------|--------------------|--------------------|--------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|-----------------|----------------|
| 1966.1              | ≥ ' € | ≥6                 | ≥5                 | ≥ 4          | ≥ 3          | ≥2%  | ≥ ;          | ≥ ½          | ≥'%          | ≥,           | 2 a          | ≥ ′,         | ≥ ″          | ≥5′′6          | <u> </u>        | ≥.             |
| NO CEUNG<br>≥ 20000 |       | 3 4 . 9<br>4 7 . 8 | 37.9               | 36.9<br>47.8 |              |      |              | - 1          | 1            | 30.9<br>47.8 |              | - 1          |              |                |                 | ₹4.0<br>47.3   |
| ≥ 18000<br>≥ 18000  |       | 47.8               | 47.8               | 47.8         | 47.8         | 47.8 | 47.8         | 47.8         | 47.8         | 47.8         | 47.8         | 47.5         | 47.9         | 47.5           | 47.9            | 47.8           |
| ≥ '4000             |       | 47.8               |                    |              |              |      | 47.8<br>47.8 |              |              | 47.8<br>47.8 |              | 47.8         |              | 47.8           |                 |                |
| ≥ 1200C             |       | 47.1<br>50.8       | 4 4 . 1<br>5 J . 4 |              |              | 50.5 |              | 49.1<br>50.8 |              |              | 49.1<br>50.0 | 49.1<br>50.8 |              |                | 49.1<br>50.4    | 43.1<br>50.1   |
| ≥ 9000<br>≥ 9000    |       | <u></u>            | 51.2               | 51.2         | 51.2         | 51.2 | 51.2         | 51.2         | 51.2         |              | 51.2         | 51.2         | 51.2         | 51.2           | 51.2            | 71.2           |
| ≥ 7000              |       | 55.8               | 55.8               | 55.8         | 55.8         | 55.8 | 55.8         | 55.8         | 55.8         | 55.8         | 55.6         | 55.8         | 55.8         | 55.6           | 55.8            | 55.            |
| ≥ 6000<br>≥ 5000    |       | 55.1<br>50.0       | 55.8<br>56.7       | 55•8<br>56•0 |              |      | 55.8<br>56.0 |              |              | 55.3<br>56.0 | 55.8<br>56.7 | 55.P<br>56.0 | 55.9<br>55.0 | 55.0<br>56.0   | 55.0<br>56.0    | 55.7<br>56.2   |
| ≥ 450C<br>± 400C    |       | 56.6<br>70.6       |                    |              | 56.6<br>70.9 |      |              |              | 56.6<br>70.9 | 56.6<br>70.9 |              | 56.6<br>70.9 |              |                |                 | 56.6<br>70.7   |
| 2 3500<br>≥ 3000    |       | 00.3               | 87.8               |              | 89.9<br>93.0 |      |              | A9.9         |              | 89.9<br>93.1 | 89.9         |              |              | 89.7<br>93.1   | 59.0<br>93.1    | 89.7           |
| ≥ 2500<br>≥ 2000    |       | 72.4               | 92.3               | 93.0         | 93.0         | 03.0 | 93.0         | 93.0         | 93.1         | 03.1         | 93.1         | 93.1         | 97.1         | 93.1           | ~3·1            | 23.1           |
| ≥ 1800<br>≥ 1500    |       | 92.7<br>12.8       | 93.2               | 73.3         | 93.4         | 93.4 | 93.4         | 93.4         | 93.5         |              | 93.5         | 93.5         | 93.5         | 93.5           | 93.5            | 73.5           |
| ≥ 1200              |       | 25.8               |                    | 95.6         | 95.8         |      | 96.T         |              |              | 96.2<br>97.7 | 96.2<br>97.7 |              |              | 97.7           | 97.7            | 77.7           |
| ≥ .000<br>≥ 900     |       | ≎6.0<br>96.2       |                    |              |              |      | 97.7<br>97.9 |              |              | 98.1<br>96.3 |              |              |              | 98.3           | 98.1            | 38.7           |
| ≥ 800<br>≥ 700      |       | 1 1                | 97.2               |              |              |      | 98.2<br>98.9 | 98.3         |              | 98.7         |              | 98.7         |              | 98.7           |                 |                |
| ≥ 600               |       | 07.2               | 97.9               | 99.3         | 98.7         | 98.7 | 98.9         | 99.0         | 99.1         | 99.3         | 99.3         | 99.3         | 99.4         | 99.4           | 99.4            | 29.4           |
| ≥ 500<br>≥ 400      |       |                    | 98.2               | 98.7         | 99.1         | 99.1 | 99.4         | 99.6         | 99.7         | 99.7         | 99.0         | 99.9         | 100.0        | 100.0          | <u>,,,,,,</u> , | 99.4<br>155.   |
| ≥ 300<br>≥ 200      |       | 77.6               |                    | 98.7<br>98.7 |              |      | 99.4<br>99.4 |              |              | 99.9         |              |              |              | 100.0<br>100.0 |                 | 105.7<br>105.5 |
| > 100<br>2 0        |       | 97.6               | 98.2               |              |              | -    |              | -1           |              | 99.9         |              |              |              | _              |                 |                |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_

CL RAL CLIMATOLOGY BRANCH CONFETAC AL MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

1 .. 1 LAUES AS AZ

71-80

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 0-170. HOURS (L.S.T.)

| 11 1                |     |              |              | -            |            |      | v 15         | B . TY 57      | ATUTE MILI | £5   |      |              | <del></del>  |              | -           |                    |
|---------------------|-----|--------------|--------------|--------------|------------|------|--------------|----------------|------------|------|------|--------------|--------------|--------------|-------------|--------------------|
| //fE./              | ≥ : | ≥ 6          | ≥ 5          | ≥4           | <b>≥</b> 3 | ≥2%  | ≥ ;          | ≥ 4            | ≥1%        | ≥ '  | 2 4  | ≥ %          | ≥ ∨          | ≥5/16        | 2.4         | ≥د                 |
| NT E:N -<br>≥ 2000€ |     | 41.4         | 41.4<br>51.  | 41.4<br>51.J | 41.4       |      | 41.4<br>51.0 |                |            | _    | 41.4 | 41.4<br>51.1 | 41.4<br>51.1 | 41.4<br>51.1 | 41.4        | 61.4<br>51.1       |
| ≥ 18000<br>≥ 3000   |     | 51.t         | 51.          | 51.0<br>51.0 | 51.7       |      | 51.0<br>51.0 | \$1.0<br>\$1.0 |            |      | 51.1 | 51.1         | 51.1         | 51.1         | 1.1<br>51.1 | 51.1<br>51.1       |
| ≥ 14000<br>≥ 1900   |     | 51.5         | 51.5         | 51.0<br>51.5 | 51.0       | 51.0 | 51.0         | 1.0            | 51.0       | 51.1 | 51.1 | 51.1         | 51.1         | 51.1         | 51.1        | 5 1 0 1<br>5 1 0 6 |
| 2 1000C<br>2 900C   |     | 13.0         | 53.0         | 53.0         |            | 53.0 | 53.0         | 53.0           | 53.7       | 53.1 | 53.1 | 53.1         | 57.1         | 53.1<br>53.2 | 53.1        | 53.1               |
| ≥ 8000<br>≥ 7000    |     | 55.6<br>56.6 |              | 56.6         | 56.6       | 56.6 | 56.6         | 56.6           | 56.t       | 56.7 | 56.7 | 56.7         |              | 56.7         | 50.7        | 50.7               |
| ≥ 6000<br>≥ 5000    | †   | 56.8<br>57.0 | 56.          | 56.8<br>57.0 | 56.8       | 56.8 | 56.8         |                | 56.4       | 56.9 | 56.0 | 56.9         | 56.9         | 56.7         |             | 50.3               |
| ≥ 4500<br>≥ 4000    | 1   | 57.8         | 57.8         | 57.8         |            | 57.8 | 57.8         | 57.8           |            | 57.9 | 57.9 | 57.9         | 57.9         | 57.9         |             | 57.9               |
| ≥ 3500<br>≥ 3000    |     | 46.1<br>71.4 | 88.5         | 98.6         | 8.83       | 98.8 |              | 88.8           |            | 89.7 | 80.  | 89.0         |              | 89.0         | 33.0        | 99.2               |
| ≥ 2500<br>≥ 2000    |     | 91.7         | 92.5         | 92.3         | 92.6       |      | 92.6         | 92.6           | 92.6       | 92.7 | 92.7 | 92.7         | 92.7         | 92.7         |             | 72.7               |
| ≥ 1800<br>≥ 1500    | †   | 72.1         | 92.5         | 72.6         | 93.0       |      | 93.1         | 93.1           | 93.1       | 93.2 | 93.2 | 93.2         | 91.2         | 93.2         |             | 93.2               |
| ≥ 1200<br>≥ .000    |     | 95.5         | 95.6         | 96.1         | 96.9       | 97.1 | 97.1         | 97.1           | 97.1       | 97.2 | 97.2 | 97.2         | 97.2         | 97.2         |             | 97.3               |
| > 900<br>≥ 800      |     | 95.6         | 95.3         | 97.2         | 97.7       | 97.9 | 98.1         | 98.2           | 98.2       | 98.3 | 98.3 | 98.3         | 98.3         | 98.3         |             | 98.3               |
| 2 700<br>2 600      |     | ?6∙3<br>96∙4 | 97.1         | 97.5         | 98.4       | 78.7 | 98.9         | 99.2           | 99.0       | 99.1 | 99.1 | 99.1         |              | 99.1         | 99.1        | 99.1               |
| ≥ 500<br>≥ 400      |     | 76.8<br>96.3 | 97.5<br>97.5 | 98.0         |            | 99.2 | 99.6         | 99.8           | 90.8       | 99.9 | 99.9 | 100-0        | 100.0        | 100.0        | 150.2       | 103.0              |
| 2 300<br>2 200      | -   | 96.8         | 97.5         | 98.0         | 99.0       | 99.2 | 99.6         | 99.8           |            | 99.9 | 99.9 | 100.0        | 100.0        | 150.0        |             | 1:0.7              |
| > 100<br>2 0        |     | 96.8         |              | 98.0         | 99.5       | 99.2 |              | 99.8           | 99.8       | 99.9 | 99.9 | 100.0        | 100.0        | 100.0        | 100.0       | 100.7              |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

HE WAL CLIMATOLOGY PRANCH COMPLIAN AT WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

1:2:1

LAUES AS AZ

71-35

c F r

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH

1277-7307

VISIBLITY STATUTE MILES TELNO ≥ . ≥% | ≥% ≥5/16 ≥ % ن≲ 38.2 36.2 47.4 47.4 34.2 38.2 38.2 34.2 38.2 35.2 NO 1EUN - 38•2| 38•2| 38•2| 3₽•2| 39.2 35. > 2000C 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 47.4 ≥ 5000 47.4 47.4 ≥ '4000 47.4 47.4 ≥ 12000 47.5 2000° ≤ 48.7 ≥ 800C - 55 • O | 55 • O | 55 • J 55.7 ≥ 7000 5.1 55.1 55.1 55.1 55.1 <u>55.1 55.1</u> <u>55.1 55.1 55.1 55.1 </u> 55.1 55.1 55.1 55.1 55.1 55.1 ≥ 6000 55.1 55.1 55.1 55.1 55.1 55.1 55.1 55.1 55.1 55.1 55.1 ≥ 5000 55.1 55.1 55.1 55.1 55.1 55.1 55.1 55.1 ≥ 4500 ≥ 3500 ≥ 3000 2000 ≥ 1800 1500 1200 ≥ ,000 ≥ 800 ≥ 700 98.7 98.9 98.9 99.0 99.0 96.9 97.8 98.2 98.8 98.8 98.9 99.6 99.6 99.7 99.8 99.9100.01.0.0106.0 500 400 96.9 300 97.8 200 96.9 97.8 26.9 97.8 98.2 98.8 98.8 98.9 99.6 99.6 99.7 99.7 99.8 99.9100.0100.7170. 100 

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

50

LE HAL CLIMATOLOGY BRANCH UTAFETAG AI "TATHER SERVICEZMAC

### CEILING VERSUS VISIBILITY

1 2 1 LAUES AT AZ

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1 , 1 = 2 3 1 HOURS (LIST)

| 7E ( N/)         |       |         |      |      |      | •    | • · · S | B . ** 5* | ATUTE MILI | E S   |      |      |       |       |              |         |
|------------------|-------|---------|------|------|------|------|---------|-----------|------------|-------|------|------|-------|-------|--------------|---------|
| reee.,           | ≥ '\$ | ≥6      | ≥ 5  | ≥ 4  | ≥ 3  | ≥2%  | ≥:      | ≥ %       | 21%        | ≥,    | 2 4  | ≥ %  | ≥ ⁄   | ≥5′'6 | 2.4          | ≥.      |
| NO CEUNG         |       | 47.9    | 47.4 | 47.8 | 47.8 | 47.8 | 47.8    | 47.8      | 47.8       | 47.8  | 47.4 | 47.2 | 47.8  | 47.5  | 47.0         | 47.5    |
| ≥ 20000          |       | 51.3    | 51.9 | 51.9 | 51.9 | 51.9 | 51.9    | 51.9      | 51.9       | 51.9  | 51.7 | 51.9 | 51.7  | (1.9  | 1.7          | 100     |
| ≥ 18000          |       | 51.9    | 51.4 | 51.9 | 51.9 | 51.9 | 51.9    | 51.9      | 51.9       | 51.9  | 51.℃ | 51.9 | 51.9  | 51.0  | 51.9         | 1.0     |
| ≥ 18000          |       | 51.9    | 51.9 | 51.9 | 51.9 | 51.9 | 51.2    | 51.9      | 51.9       | 51.9  | 51.3 | 51.9 | 11.9  | 51.5  | 11.0         | 1.2     |
| ≥ '4600          |       | 51.9    | 51.3 | 51.9 | 51.9 | 51.9 | 51.9    | 51.9      | 51.9       |       |      | 51.9 | 51.9  | 51.0  | 11.5         | 11.9    |
| ≥ 2000           |       | 52.3    | 52.3 | 52.3 | 52.3 | 52.3 | 52.3    | 52.3      |            | 52.3  | 52.3 | 52.3 |       | 52.3  | 2.3          | 12.     |
| ≥ '9000'         |       | 52.9    | 52.9 | 52.9 | 52.9 | 52.9 | 52.9    | 52.9      | 52.9       | 52.9  | 52.9 | 52.9 | 52.9  | 52.9  | 52.9         |         |
| ≥ 9000<br>≥ 9000 |       | 53.4    |      | 53.4 | 53.4 | 53.4 | 53.4    |           |            | 53.4  |      | 53.4 |       |       | 53.4         | 53.4    |
| ≥ 8000           |       | 55.2    | 56.2 | 56.2 | 56.2 | 56.2 | 56.2    | 56.2      | 56 • 2     | 56.2  | 56.2 | 56.2 | 55.2  | 56.2  | 24.2         | 550.7   |
| ≥ 7000           |       | 56.2    | 56.2 | 56.2 | 56.2 | 56.2 | 56.2    | 56.2      | 56.3       | 56.2  | 56.2 | 56.2 | 56.2  | 56.2  | 56.2         | 55.7    |
| ≥ 6000           |       | 56.2    | 56.2 | 56.2 | 56.2 | 56.2 | 56.2    | 56.2      | 56.2       | 56.2  | 56.2 | 56.2 | 55.2  | 56.2  | 56.2         | 56.2    |
| ≥ 5000           |       | 56.2    | 56.2 | 56.2 | 56.2 | 55.2 | 56.2    | 56.2      | 56.2       | 56.2  | 56.7 | 56.2 | 56.2  | 56.2  | 5(.7         | €0.     |
| ≥ 450C           |       | 56.2    | 55.2 | 56.2 | 56.2 | 56.2 | 56.2    | 56.2      | 56.2       | 56.2  | 56.2 | 56.2 | 56.2  | 56.2  | 55.2         | 56.00   |
| ± 4000           |       | 67.3    | 67.3 | 67.5 | 67.5 | 67.5 | 67.5    | 67.5      | 67.5       | 67.5  | 67.5 | 67.5 | 67.5  | 67.5  | 67.5         | 67.4    |
| ≥ 3500           |       | ₽4.6    | 85.0 | 85.3 | 85.3 | €5.3 | 95.3    | 95.3      | 85.3       | ∃5.3  | 85.3 | 85.3 | 25.3  | 35.3  | -5.3         | A 5 . 3 |
| ≥ 3000           |       | 99.1    | 88.4 | 88.8 | 88.8 | 88.8 | 88.8    | 88.8      | 38.7       | 88.5  | 68.5 | 85.8 | 54.8  | 88.8  | ₹ <b>₽</b> 3 | 8.65    |
| ≥ 2500           |       | < 9 · 1 | 87.4 | 89.8 | 89.9 | 89.8 | 89.8    | 89.8      | 89.8       | 89.8  | 89.8 | 89.8 | 89.8  | 89.8  | ६७.६         | ag.u    |
| 2 2000           |       | 20.3    | 91.0 | 21.3 | 91.4 | 91.4 | 91.4    | 91.4      | 91.4       | 01.4  | 71.4 | 91.4 | 21.4  | 91.4  | 91.4         | 21.4    |
| ≥ '800           | -     | ু ু • ু | 91.5 | 91.9 | 92.0 | 92.0 | 92.0    | 92.0      | 92.0       | 92.0  | 92.0 | 92.0 | 92.0  | 92.3  | 7 ? • 7      | 22.3    |
| ≥ 1500           |       | 93.2    | 94.  | 74.5 | 94.9 | 94.9 | 95.1    | 95.1      | 95.1       | 95.1  | 95.1 | 95.1 | 95.1  | 95.1  | 95.1         | 95.1    |
| ≥ 1200           |       | 93.9    | 94.8 | 95.4 | 95.9 | 96.0 | 96.3    | 96.3      | 96.3       | 96.3  | 96.3 | 96.3 | 96.3  | 96.3  | 96.3         | ₹6.3    |
| ≥ 000            |       | -4.4    | 95.3 | 96.0 | 96.6 | 96.7 | 97.d    | 97.2      | 97.2       | 97.2  | 97.2 | 97.5 | 97.3  | 97.3  | 97.3         | 97.3    |
| ≥ 900            |       | 94.5    | 95.4 | 76.1 | 96.7 | 96.8 | 97.1    | 97.4      | 97.4       | 97.4  | 97.4 | 97.6 | 97.6  | 97.6  | 97.5         | 97.6    |
| ≥ 800            |       | 94.9    | 95.8 | 96.4 | 97.1 | 97.2 | 97.6    | 97.9      | 97.9       | 9     | 97.9 | 98.0 | 98.0  | 98.0  | 78.7         | 9003    |
| ≥ 700            |       | 95.1    | 96.0 | 96.7 | 97.6 | 97.7 | 98.0    | 98.3      | 98.3       | \$ 13 | 98.3 | 98.4 | 4 P 4 | 98.4  | YR.4         | 95.4    |
| ≥ 600            |       | 95.3    | 96.2 | 76.9 | 97.8 | 97.9 |         | 98.8      | 98.8       | 98.8  | 98.8 | 98.9 | 99.9  | 98.9  | 93.9         | 98.9    |
| ≥ 500            |       | 95.7    | 96.7 | 97.3 | 99.2 | 98.3 | 98.7    | 99.3      | 99.4       | 95.4  | 99.4 | 99.6 | 99.7  | 99.7  | 39.7         | 39.7    |
| ≥ 400            |       | 95.6    | 96.4 | 97.4 | 98.3 |      | 98.8    | 99.4      | 99.5       | 99.6  | 99.6 | 99.7 | 99.8  | 99.5  | 20.9         | 99.3    |
| ≥ 300            |       | 95.8    | 96.9 | 97.4 | 98.3 | 98.4 | 99.0    | 99.7      | 99.8       | 99.8  | 99.8 | 97.9 | 100.0 | 100.3 | 100.3        | 153.5   |
| ≥ 200            |       | 95.8    |      | _ 1  | 98.3 | 98.4 |         | 79.7      | - 1        | 99.8  | 99.8 | 99.9 | 100.0 | 100.0 | 190.0        | 100.0   |
| > 100            |       | 95.8    | 96.8 | 97.4 | 98.3 | 73.4 | 99.1    | 99.7      | 99.8       | 99.8  |      |      |       |       | 130.0        |         |
| 2 0              |       | 95.8    | 96.8 | 97.4 | 98.3 | 98.4 | - 1     | 99.7      | 99.8       | 99.8  | 99.6 |      |       |       | 140.0        |         |

TOTAL NUMBER OF OBSERVATIONS

TE TAE CLIPATOLOGY PRANCH SETTACH SERVICEZMAC

#### CEILING VERSUS VISIBILITY

1 1

LAUTS AN AZ

71-80

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

| F. N.               |     |         |       |        |      |      | +-5  | B . ** \$* | ATUTE MILI | E S  |      |      |       | <u> </u> |          |                |
|---------------------|-----|---------|-------|--------|------|------|------|------------|------------|------|------|------|-------|----------|----------|----------------|
| 1-55"               | ≥ : | ≥ 6     | ≥ 5   | 2 4    | ≥ 3  | ≥:/  | ≥.   | ≥ ″        | ≥1%        | ≥'   | ≥ 4  | ≥ %  | ≥ ″   | ≥ 5/16   | <u> </u> | ≥ :            |
| N1 E N :<br>≥ 2000€ |     | 41.     | 41.   |        |      |      |      |            | 41.5       |      |      | 41.5 | -     |          |          | 41.4           |
|                     |     | 47.8    |       |        |      |      |      |            |            |      |      | 47.0 |       |          | 47.8     |                |
| 2 18000<br>3 5 PM   |     | 47.8    |       |        | 47.8 |      |      |            | 47.8       |      | 47.8 | 47.8 |       | 47.8     |          | 47.c<br>  47.s |
| 2 1450C             |     | 47.8    |       |        |      |      |      |            | 47.8       |      |      |      |       |          |          |                |
| £ 2000              |     | 4 - 3   | 4 5 2 |        |      |      |      |            | 48.2       |      |      |      |       | 48.2     | 43.2     |                |
| <u>≠ 19000</u>      |     | 4 7 . 5 |       |        | 40.5 |      |      |            |            |      |      |      | 40.5  |          |          | 4 9 6          |
| ₹ 9000              | ĺ   | 4 2 . 8 | 40.9  |        | 49.8 |      |      |            | 49.8       |      |      |      |       |          | 1        | 49.6           |
| ≥ 8000              |     | 13.2    | 53.2  | 53.2   | 57.3 | 53.3 | 53.3 | 53.3       | 53.3       | 53.3 | 53.3 | 53.3 | 53.3  | 53.3     | 5.7.3    | 53.3           |
| ≥ 2006              |     | 3.4     |       |        |      |      |      |            | 53.4       | 53.4 | 53.4 | 53.4 | 53.4  | 53.4     | 57.4     | 63,4           |
| ≥ 6000              |     | 43.4    | 53.4  | 53.4   | 53.4 | 53.4 | 53.4 | 53.4       | 57.4       | 53.4 | 53.4 | 53.4 | 53.4  | 53.4     | 53.4     | 53.4           |
| ≥ 5000              | 1   | 3.5     | 53.5  | 53.5   | 53.5 | 53.5 | 53.5 | 53.5       | 53.5       | 53.5 | 53.5 | 53.5 | 53.5  | 53.5     |          |                |
| ≥ 4500              |     | 53.     | 53.9  | 53.9   | 54.0 | 74.0 | 54.0 | 54.0       | 54 • C     | 54.0 | 54.7 | 54.0 | 54.0  | 54.0     | 54.0     | 94.            |
| ≥ 400C              |     | 56.5    | 66.6  | 66.6   | 66.7 | 66.7 | 66.7 | 66.7       | 66.7       | 66.7 | 66.7 | 66.7 | €6-47 | 66.7     | 05.7     | 56.            |
| ≥ 3500              |     | 15.8    | 86.2  |        |      | #6.5 | 86.5 | 86.5       | 86.5       | 86.5 | 86.5 | 86.5 | 66.5  | 36.5     | 86.5     | ે દે•ે         |
| ≥ 3000              |     | 87.6    | 90.d  | 90. z  | 90.4 | 23.4 | 90.4 | 90.4       | 90.4       | 94.4 | 90.4 | 93.4 | 92.4  | 90.4     | 4g.4     | ووروا          |
| ≥ 2500              |     | 90.4    | 90.8  | 90.9   | 91.1 | 91.1 | 91.1 | 91.1       | 91.2       | 91.2 | 91.2 | 91.2 | 91.2  | 91.2     | -1.2     | 91.            |
|                     |     | _=1.d   | 91.5  | 91.7   | 92.0 | 92.0 | 92.0 | 92.0       | 92.1       | 92.1 | 92.1 | 92.1 | 92.1  | 92.1     | 72.1     | 92.            |
| 2 800               |     | 71.3    | 91.9  | 91.9   | 92.2 | 92.3 | 92.3 | 92.3       | 92.3       | 92.3 | 92.3 | 92.3 | 92.3  | 92.3     | 52.3     | 92.            |
| ≥ 1500              | . 1 | 93.9    | 94.4  | 94.9   | 95.4 | 95.4 | 95.5 | 95.6       | 95.6       | 95.6 | 95.6 | 95.6 | 95.6  | 75.6     | 75.6     | 95.            |
| ≥ 1200              |     | ₹5.0    | 95.4  | 96.2   | 96.9 | 96.9 | 97.1 | 97.1       | 97.1       | 97.2 | 97.7 | 97.2 | 97.2  | 97.2     | 97.0     | 97.            |
| ≥ ,000              |     | 95.4    | 96.2  | 96.6   | 97.4 | 97.4 | 97.6 | 97.7       | 97.8       | 97.8 | 97.0 | 97.8 | 97.8  | 37.8     | 97.9     | 97.            |
| ≥ <b>9</b> 0€       |     | 75.6    | 96.4  | 96.8   | 97.6 | 97.6 | 97.5 | 98.0       | 98.0       | 98.1 | 98.1 | 98.1 | 98.1  | 90.1     | 98.1     | ÿg.            |
| ≥ RCC               |     | _05.g   | 96.7  | 97.1   | 98.0 | 98.0 | 98.2 | 98.4       | 98.4       | 98.5 | 98.5 | 98.5 | 98.5  | 98.5     | 98.5     | 9              |
| ≥ 700               |     | 96.1    | 96.9  | 97.4   | 98.2 | 98.3 | 98.5 | 98.6       | 98.7       | 95.8 | 98.8 | 98.6 | 98.8  | 98.8     | 9 a . A  | 38.            |
| ≥ 600               | [   | 75.3    | 97.2  | 97.7   | 98.6 | 78.6 | 98.9 | 99.1       | 99.1       | 99.2 | 99.2 | 99.2 | 99.3  | 99.3     | 99.3     | ၁၅ .           |
| ≥ 500               |     | 76.5    | 97.4  | 97.9   | 98.8 | 98.9 | 99.1 | 99.4       | 99.5       | 99.6 | 99.6 | 99.6 | 99.7  | 99.7     | 39.7     | c 9 .          |
| ≥ 40C               |     | 96.6    | 97.5  | 96.0   | 98.9 | 99.0 | 99.2 | 99.6       | 99.6       | 99.7 | 99.7 | 99.7 | 99.8  | 99.8     | 99. Ŗ    | 39,            |
| 2 300               |     | 36.6    | 97.5  | 98.0   | 98.9 | 99.0 | 99.3 | 99.6       | 99.6       | 99.7 | 99.7 | 99.B | 99.8  | 99.9     | 59.9     | 09.0           |
| ≥ 200               |     | 06.6    | 97.5  | 98.0   | 98.9 | 99.0 | 99.3 | 99.6       | 99.7       | 99.8 | 99.8 | 99.8 | 90.9  | 99.3     | 100.0    | 100.0          |
| > 100               |     | 96.6    | 97.5  | 78 • Q | 78.9 | 99.0 | 99.3 | 99.6       | 39.7       | 99.8 | 99.8 | 99.8 | 99.9  | 69.3     | 100.0    | 100.1          |
| _ 2 ປ               |     | 26.6    | 97.5  | 98.4   | 98.9 | 99.0 | 99.3 | 99.6       | 99.7       | 99.8 | 99.3 | 99.8 | 99.9  | 99.9     | 100.0    | 109.           |

SE PAL CLIMATOLOGY BRANCH LINETAC ALL PEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

172 1 LAJES AS AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 300-0200 Hours (L.s.t.)

| 1E. №5           |     |       |      |        |      |         | v:5   | 8. ** 5*    | ATUTE MIL | €S.  |      |       |       |       |       |       |
|------------------|-----|-------|------|--------|------|---------|-------|-------------|-----------|------|------|-------|-------|-------|-------|-------|
| (FEE*)           | ≥ 0 | ≥ 6   | ≥ 5  | ≥ 4    | ≥ 3  | ≥2%     | ≥.;   | ≥ . ½       | ≥1%       | ≥,   | ≥ 4  | ≥%    | ≥ //  | ≥5/16 | 2 4   | ≥.    |
| NO CEUNO         |     | 77.7  | 37.9 | 37.9   | 37.9 | 77.0    | 37.9  | 37.9        | 37.9      | 37.9 | 37.4 | 37.9  | 37.9  | 37.9  | 37.7  | 27.7  |
| ≥ 2000C          |     | 39.1  | 37.1 | 29.1   | 30.1 | 79.1    | 39.1  | 39.1        | 39.1      | 39.1 | 39.1 | 3 - 1 | 39.1  | 39.1  | 50.1  | 19.1  |
| ≥ 18000          |     | 37.1  | 37.1 | 39.1   | 37.1 | 39.1    | 39.1  | 39.1        | 39.1      | 36.1 | 39.1 | 30.1  | 39.1  | 39.1  | 39.1  | 39.1  |
| ≥ 6000           |     | 77.1  | 39.1 | 39.1   | 30.1 |         | 39.1  | 39.1        | 30.1      | 39.1 | 32.1 | 37.1  | 39.1  | 39.1  | 39.1  | 29.1  |
| ≥ '4000          |     | 37.1  | 39.1 | 30.1   | 39.1 | 39.1    | 39.1  | 39.1        | 39.1      | 39.1 | 39.1 | 39.1  | 37.1  | 79.1  | 30.1  |       |
| ₹ .500C          |     | 37.5  | 39.5 | 30.5   | 39.5 | 39.5    |       | 39.5        | 37.5      | 39.5 | 39.5 | 30.5  | 39.5  | 39.5  | 77.5  | 37.5  |
| 2000€ ≤          |     | 23.2  | 40.3 | 40.2   | 40.2 | 4 3 . 2 | 40.2  |             | 40.2      | 40.2 | 40.0 | 40.2  | 4^.2  | 43.0  | 4^•3  |       |
| ≥ 900C           |     | -10-2 | 40.2 | 40.2   | 40.2 | 40.2    | 43.2  | 40.2        | 47.2      |      | 4C.2 | 4:2   |       | 40.2  | 4:00  | 47.3  |
| ≥ 9000           |     | 43.2  | 43.2 | 43.2   | 43.2 | 43.2    | 43.2  | 43.2        | 43.2      | 43.2 | 43.2 | 43.2  |       |       | 43.2  |       |
| ≥ 7000           |     | 43.2  | 47.2 |        | 43.2 | 43.2    | 43.2  | 43.2        | 43.2      | 43.2 | 43.2 |       |       | 43.2  | 43.2  |       |
| ≥ 6000<br>> 5000 |     | 43.4  | 43.2 | 43.2   | 45.2 | 43.2    | 43.2  | 43.2        | 43.7      | 43.2 | 47.2 | 43.2  |       | 43.2  | 43.2  |       |
| 2 3000           |     | 43.2  | 43.2 | 43.2   | 43.2 | 43.2    | 43.2  | 43.2        | 43.2      |      | 47.2 | 43.2  |       | 43.2  | 47.2  |       |
| ≥ 4500<br>≥ 4000 |     | 43.3  | 43.3 | 43.3   | 43.3 | 43.3    | 7 - 7 | 43.3        | 43.3      | 43.3 | 43.3 | 43.3  |       | 43.3  | 43.7  | 43.3  |
| : 400c           |     | 54.3  | 56.4 | 56.4   | 56.4 | 56.4    | 56.4  | 56.4        | 56.4      | 56.4 | 56.4 |       |       | 55.4  |       | 16.4  |
| ≥ 350C           |     | ∴4.8  | 85.2 | P5 • 6 | 55.9 | 95.9    | 85.9  | <b>62.9</b> | 85.9      | 85.9 | 85.9 |       |       | 35.9  | ∪5.7  |       |
| ≥ 3000           |     | 29.3  | 93.1 | 90.4   | 90.7 | 70.7    |       | 90.7        | 90.7      |      | 90.7 |       |       | 90.7  | 90.7  | 65.7  |
| ≥ 2500           |     | 80.3  | 90.1 | 90.4   | ?3.7 | 90.7    | 90.7  | 90.7        | 90.7      |      | 90.7 | 90.7  | 92.7  | 95.7  | 10.7  | ं ∙ ४ |
| ± 2000           |     | 80.0  | 90.7 | 01.1   | 91.5 | 31.6    |       | 91.7        | 91.7      |      | 91.7 |       |       | ¢1.7  | 91.7  | 21.7  |
| ≥ 800            |     | 90•0  | 90.4 | 91.2   | 91.6 |         | 91.8  | 91.8        | 91.8      | 91.8 | 91.5 | 91.8  | 91.3  | 91.8  | 91.8  |       |
| ≥ 1500           |     | 73.8  | 94.8 | 95.2   | 96.0 | 96.1    | 96.3  | 96.4        | 76.4      | 96.4 | 96.4 |       |       | 36.4  |       | C6.4  |
| ≥ 1200           |     | 75.1  | 96.6 |        | 98.4 | 98.5    |       | 99.1        |           |      | 99.1 | 99.1  | 99.1  | 99.1  | y9.1  | 34.1  |
| ≥ 000            |     | 75.1  | 96.6 | 77.0   | 98.4 | 93.5    |       | 99.1        | 90.1      |      | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  |       |
| ≥ 900            |     | 25.4  | 96.7 | 97.1   | 98.5 | 98.6    |       | 99.2        | 99.2      |      | 99.2 |       |       | 99.2  | 69.5  | 77.2  |
| ≥ 800            |     | 25.4  | 96.7 | 77.1   | 98.5 | 98.6    |       | 99.4        | 99.6      |      | 99.5 |       |       | 99.5  | 49.5  | 99.6  |
| ≥ 700            |     | 95.4  | 96.7 | 97.1   | 98.5 | 98.6    |       | 99.4        |           | -    | 99.6 |       |       | 99.6  | 99.6  |       |
| ≥ 600            |     | 95.5  | 96.8 |        | 98.6 |         |       |             | 99.7      |      | 99.8 |       |       | 99.4  | 99.8  |       |
| ≥ 500            |     | 95.5  | 96.8 |        | 98.6 |         |       | 99.5        | 99.7      | 99.5 | 99.8 |       |       | 99.8  | -     |       |
| ≥ 40C            |     | 25.5  | 96.8 |        | 98.5 | 98.7    |       | 99.6        | 99.8      |      | 99.9 |       |       | 99.9  | 79.9  |       |
| ≥ 300            |     | 95.5  | 96.8 |        | - 1  |         |       | 59.6        |           |      | 99.0 |       |       | 99.7  | 59.9  |       |
| 2 200            |     | 95.9  | 96.8 |        |      |         |       | 99.6        |           |      |      | 130.0 |       |       |       |       |
| > 100            |     | 95.5  | 96.8 |        |      | -       |       | 99.6        |           |      |      | 100.0 |       |       |       |       |
| ≥ U              |     | 75.5  | 96.8 | 97.2   | 98.6 | 98.7    | 99.4  | 99.6        | 99.8      | 99.9 | 99.9 | 100.0 | 100.0 | 100.g | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

GL - AL CLIMATOLO: Y BRANCH COMETAC GL - SEATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7.10 = 0.5 f

| 1E . NO        |      |         | _    |      |         |       | • 5  | B. 14 57 | ATUTE MIL | ES.   |       |       |         |        |           |         |
|----------------|------|---------|------|------|---------|-------|------|----------|-----------|-------|-------|-------|---------|--------|-----------|---------|
| 1.66.1         | ≥ 10 | ≥6      | ≥ 5  | ≥ 4  | ≥3      | ¥2≤   | ≥;   | ≥ "      | ≥1%       | ≥,    | ≥ .   | ≥ %   | ≥ ⁄     | ≥5/16  | ≥ 4       | ≵ċ      |
| NO TELINA      |      | 37.     | 37.0 | ₹8.0 | 3. •0   | 33.0  | 30.0 | 3 ê • D  | 30.0      | 38.€  | 35.7  | 35.0  | 3 7     | 75     | 72.5      | ~ 4.    |
| ≥ 20000        |      | 73.1    | 39.1 | 37.2 | 3 2     | 39.2  | 30.2 | 39.2     | 39.2      | 39.2  | 39.2  | 39.2  | 39.2    | 29.    | 39.2      |         |
| ≥ 18000        |      | . 1     |      | 79.2 | 3 □ • 2 | 39.2  | 39.2 | 39.2     | 39.2      | 39•2  | 30.5  | 39.2  | 39.2    | 39.2   | 33.5      | ₹5.2    |
| ≥ 5700         |      | 3 ₹ • 1 | 39.1 | 39.2 | 39.2    | 37.2  | 39.2 | 39.2     | 39.2      | 39.2  | 39.2  | 34.2  | 3 0 • 2 | 39     | 30.2      | 79      |
| ≥ '4000        |      | 3-1     | 39.1 | 30.2 | 37.2    | 39.2  | 39.2 | 39.2     | 39.7      | 39.2  | 30.7  | 39.2  | 30.2    | 34.2   | 30.2      | 39.5    |
| ≥ 1200C        |      | 79.1    | 39.1 | 39.2 | 30.2    | 39.2  | 39.2 | 39.2     | 39.2      | 39.2  | 39.2  | 39.2  | 39.2    | 39.2   | 39.2      | 24.3    |
| ≥ 9000         |      | 39.5    | 39.5 | 39.6 | 39.6    | 79.6  | 39.6 | 39.6     | 30.6      | 39.6  | 39.5  | 39.6  | 39.6    | 39.0   | 30.6      | 7/11    |
| ≥ 9000         |      | 39.5    | 37.5 | 39.6 | 39.6    | 39.6  | 30.6 | 39.6     | 39.6      | 39.6  | 30.5  | 39.6  | 33.6    | 39.5   | 39.5      | 7.0 €   |
| ≥ 8000         |      | 41.     | 41.9 | 42.0 | 42.0    | 42.0  | 42.0 | 42.0     | 42.7      | 42.0  | 42.   | 42.0  | 42.7    | 42.0   | 47.       | 42.7    |
| ≥ 7900         |      | 41.3    | 41.5 | 42.0 | 42.0    | 44.00 | 42.0 | 42.0     | 42.3      | 42.0  | 42.   | 4200  | 42.03   | 42.0   | 42.0      | 4.0     |
| ≥ 6000         |      | 41.4    | 41.7 | 42.g | 42.0    | 42.0  | 42.0 | 42.0     | 42.0      | 42.0  | 42.   | 42.3  | 4.      | 42.    | 47.1      | 42.     |
| ≥ 5000         |      | 41.5    | 41.4 | 42.0 | 42.0    | 42.0  | 42.0 | 42.0     | 42.5      | 42.0  | 42.   | 42.0  | 42.0    | 42.0   | 42.0      | رونها   |
| ≥ 4500         |      | 42.0    | 42.5 | 42.1 | 42.1    | 42.1  | 42.1 | 42.1     | 42.1      | 42.1  | 42.1  | 42.1  | 42.1    | 42.1   | 42.1      | 42.1    |
| ≟ 400C         |      | °5.2    | 55.2 | 55.3 | 55.3    | 55.3  |      |          | 55.3      | 55.3  | 55.3  | 55.3  | 55.3    | 55.3   | 5.5       | 55.3    |
| ± 350€         |      | 24.2    |      | 54.7 | 84.9    | 84.9  | 84.9 | 84.9     | 84.9      | 84.9  | 84.0  | 84.9  | 54.9    | 94.9   | ÷4.9      | 4.7     |
| 2 3000         |      | 39.7    | 90.1 | 90.4 | 90.6    | 96.6  | 93.7 | 90.7     | 90.7      | 90.7  | 95.07 | 92.7  | 94.2    | . j⊕ 7 | 90.7      | 93.7    |
| <u> -</u> 2500 |      | ⇒ગ•ઘ    | 90.4 | 90.7 | 91.0    | 91.0  | 91.1 | 91.1     | 91.1      | 91.1  | 91.1  | 91.1  | 91.1    | 91.1   | 91.1      | ' i • 1 |
| ≥ 2000         |      | ^ J • 5 | 91.1 | 91.3 | 91.7    | 71.8  |      |          | 91.9      | 91.9  |       |       |         | 71.9   | 91.5      | 91.3    |
| ≥ '800         |      | 23.6    | 91.1 | 71.4 | 91.9    | 92.0  | 92.1 | 92.1     | 92.1      | 92.1  | 92.1  | 92.1  | 92.1    | 02.1   | ~ C • 1   | ^2•1    |
| ± 1500         |      | 94.7    | 95.6 | 96.3 | 96.7    | 96.8  | 97.d | 97.4     | 97.4      | 97.4  | 97.4  | 97.4  | 97.4    | 97.4   | 97.4      | 97.4    |
| ± 1200         |      | 95.4    | 96.3 | 97.  | 98.1    | 98.2  | 99.4 | 98.0     |           |       |       |       |         | 98.8   | 98.5      | 35.5    |
| ≥ .000         |      | 95∙6    | 96.6 | 97.2 | 98.3    | 98.4  | 98.6 | 99.0     | 99.7      | 99.3  | 99.5  | 99.0  | 90.0    | 99.0   | 99.7      | c9. '   |
| ÷ 900          |      | 95.6    | 96.6 | 97.2 | 98.3    | 98.4  | 98.6 | 99.0     | 99.1      | 99.1  | 99.1  | 99.1  | 90.1    | 99.1   | ₹9.1      | 59.1    |
| ≥ 800          | 1    | 05.6    | 96.4 | 97.2 | 98.3    | 98.4  | 99.7 | 99.2     | 99.4      | 99.4  | 99.4  | 99.4  | 99.4    | 99.4   | 30.4      | 79.4    |
| 2 700          |      | 95∙6    | 96.6 | 97.2 | 99.3    | 98.4  | 98.7 | 99.2     | 99.4      | 99.4  | 99.4  | 99.4  | 97.4    | 99.4   | 90.4      | 99.4    |
| ≥ 600          |      | ₹5.6    |      | 97.3 | 98.4    | 98.5  |      | 99.6     | 99.7      | 99.7  | 99.7  | 99.7  | 99.7    | 99.7   | 99.7      | 49.7    |
| ≥ 500          |      | 25.6    | 96.5 | 97.3 | 98.4    | 98.5  | 99.0 | 99.7     | 99.8      | 99.8  | 99.5  | 99.9  | 99.8    | 99.6   | 99.9      | 29.9    |
| ≥ 40C          |      | 95.6    | 96.6 | 97.3 | 90.4    | 98.5  | 99.0 |          | 99.8      | 99.8  | 99.8  | 99.8  | 90.8    | 99.4   | 99.A      | 99.5    |
| 2 300          |      | 05.6    | 96.4 | 97.3 | 98.4    | 98.5  | 99.1 | 99.8     | 99.9      | 7 . 9 | 99.5  | 99.9  | 99.9    | 99.9   | 99.0      | 99.9    |
| 2 200          |      | 25.6    | 96.6 | 97.3 | 98.4    | 98.5  |      | 99.8     | 99.9      | 99.9  | 99.9  | 99.9  | 99.9    | 49.9   | 49.7      | وي وه   |
| > 100          |      | 95.6    | 96.6 | 97.3 | 98.4    | 99.5  | 99.1 | 99.8     | 99.9      | 99.9  | 99.9  | 99.9  | 99.9    | 69.3   | 20.0      | 99.7    |
| ≥ ປ            |      | 25.6    | 96.6 |      |         | 98.5  | 99.1 | 99.8     | 99.9      | 99.9  | ion.d | 100.0 | 100.0   | 100.0  | 1 uo • al | 105.d   |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

THE MAL CLIMATOLOGY ARANCH OF METAG.

41- MEATHER SERVICEMAG.

### CEILING VERSUS VISIBILITY

1 2 1

SA PA CHUAL

71-80

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| 1E , N/3 | ,    |       |      |          |              |              | •·\$ | B 5.   | 1"L"E M-L | ES   |      |        |         |         |              |                |
|----------|------|-------|------|----------|--------------|--------------|------|--------|-----------|------|------|--------|---------|---------|--------------|----------------|
| (FEE's   | ≥ .0 | ≥ 6   | ≥ 5  | ≥ 4      | ≥ 3          | ×≎≤          | ≥.:  | ≥ ″    | ≥ ' %     | ≥ ·  | ≥ 4  | ≥%     | ≥ /     | ≥ 5 ° e | 2 4          | ≥.             |
| NO TEUNO |      | 3 • t | 30.6 | 30.€     | 33.6         | 30.5         | 30.7 | 30.7   | 30.7      | 76.7 | 30.7 | 30 - 7 | 31.8    | 3 3     | 3. • .       | 7 ~ 0 1        |
| ≥ 2000C  |      | 350.3 | 35.3 | 35.3     | 35.5         | <u> 35.3</u> | 35.4 | 35.4   | 35.4      |      | 35.4 | 35.4   | 35.5    | 35.2    | 35.5         | 7              |
| ≥ 18000  |      | 3 . 3 | 35.3 | 35.3     | 35.3         | 75.3         | 35.4 | 35.4   | 35.4      | 75.4 | 35.4 | 75.4   | 35.5    | 35.5    | . T. S F.    | 35 • 6         |
| ≥ 6100,  |      | 30.3  | 35.3 | 35.3     | 35.3         | 35.3         | 35.4 | 35.4   | 35.4      | 35.4 | 35.4 | 35.4   | 35.5    | 75      | 30.5         | 75.            |
| ≥ '4000  |      | 31.3  | 35.3 | 35.3     | 35.3         | 35.3         | 35.4 | 35 • 4 | 36.4      | 35.4 | 35.4 | 35.4   | 35.5    | 35.5    | 35.5         | 35•:           |
| 2 12000  |      | 35.7  | 35.  | 35.7     | 35.7         | 35.7         | 35.8 | 35.8   | 35.8      | 35.8 | 35.3 | 35.8   | 36.0    | 36.0    | 36.0         | 30.            |
| ≥ 1000C  |      | 36.3  | 36.3 | 36.3     | 34.3         | ?6.3         | 36.4 | 36.4   | 35.4      | 36.4 | 36.4 | 36.4   | 36.5    | 36.5    | 36.5         | 36.5           |
| ≥ 9000   |      | 35.3  | 36.3 | 36.3     | 36 <b>.3</b> | 35.3         | 36.4 | 36.4   | 36.4      | 36.4 | 36.4 | 36.4   | 3 € • 5 | 30.2    | 36.5         | 36.            |
| ≥ 8000   |      | 40.3  | 40.3 | ر.<br>10 | 40.3         | 40.3         | 40.5 | 40.5   | 40.5      | 40.5 | 47.5 | 40.5   | 47.5    | 40.0    | 44           | 4              |
| ≥ 2000   |      | 40.5  | 40.4 | 40.5     | 47.5         | 40.5         | 40.7 | 40.7   | 40.7      | 46.7 | 40.7 | 43.7   | 4:05    | 4 5     | <b>40.</b> 3 |                |
| ≥ 6000   |      | 40.5  | 40.5 | 4D.5     | 40.5         | 40.5         | 40.7 | 40.7   | 40.7      | 40.7 | 40.7 | 45.7   | 4".9    | 40.0    | u ^ _ q      | ١              |
| ± 500€   |      | 40.5  | 40.5 | 40.5     | 40.5         | 40.5         | 40.7 | 40.7   | 40.7      | 40.7 | 46.7 | 40.7   | 40.8    | 47.3    | 47.8         | 1,00           |
| ≥ 4500   |      | 40.9  | 47.9 | 40.9     | 40.9         | 40.9         | 41.1 | 41.1   | 41.1      | 41.1 | 41.1 | 41.1   | 41.2    | 41.2    | 41.2         | 1.             |
| ± 400€   |      | 3.0   | 53.0 | 53.1     | 53.2         | 53.2         | 53.4 | 53.4   | 53.4      | 53.4 | 53.4 | 57.4   | 53.5    | 53.5    | 53.5         | 13.            |
| ≥ 3500   |      | : 3.4 |      | 94.2     | 84.5         | 94.5         | 34.7 | 94.7   | 54.7      | 84.7 | 84.7 | 84.7   | 84.6    | €4.5    | , <b>4</b> ° | ٠ د ا          |
| ≥ 3000   |      | 28.6  | 89.3 | 89.5     | 89.9         | 89.9         | 90.1 | 90.1   | 90.1      | 90.1 | 93.1 | 90.1   | 40.2    | 50.2    | <u> </u>     | <u>، • نړټ</u> |
| 2500     | _    | 28.6  | 89.  | 89.5     | 89.9         | 69.9         | 93.1 | 9C.1   | 90.1      | 95.1 | 90.1 | 90.1   | 97.2    | 90.2    | 51.0         | <b>→</b> 1, •  |
| ± 2000   |      | 89.8  | 90.9 | 90.6     | 91.3         | 91.3         | 91.5 | 91.5   | 91.5      | 91.5 | 91.5 | 21.5   | 91.6    | 91.0    | 11.6         | ÷ 1 • ¹        |
| ≥ '800   |      | 90.5  | 90.7 | 3D.9     | 91.5         | 91.5         | 91.7 | 91.7   | 91.7      | 91.7 | 91.7 | 91.7   | 41.8    | 91.5    | 71.5         | 71.            |
| ≥ 1500   |      | 32.9  | 93.4 | 94.2     | 95.5         | 95.5         | 75.9 | 96.2   | 96.3      | 96.4 | 95.4 | 96.4   | 95.5    | 56.6    | 26.5         | ** *, • *      |
| ≥ 1200   |      | 23.9  | 95.  | 95.4     | 97.1         | 97.1         | 97.5 | 97.8   | 98.0      | 98.1 | 98.1 | 95.1   | 40.2    | 98.2    | ७० ∙ १       | * H • .        |
| ≥ .000   |      | 94.2  | 95.4 | 95.7     | 97.4         | 97.4         | 98.0 | 98.3   | 98.4      | i    | 95.5 | 99.5   | 98.6    | 73.6    | 40.6         | .5.            |
| .≥ 90¢   |      | ->4.3 | 95.4 | 95.8     | 97.5         | 97.5         | 98.1 | 98.5   | 98.6      | 96.7 | 98.7 | 93.7   | 44.9    | 98.5    | 40.3         | 900            |
| ≥ 800    |      | 24.4  | 95.6 | 96.0     | 97.7         | 97.7         | 98.4 | 98.8   | 98.9      |      | 99.  | 99.0   | 99.1    | 99.1    | 49.1         | 99.            |
| 2 700    |      | 94.4  | 95.7 | 96.1     | 97.8         | 97.8         | 98.5 | 98.9   | 99.1      | 99.1 | 99.1 | 99.1   | 95.2    | 99.2    | 99.2         | 0°.            |
| ≥ 600    |      | 24.4  | 95.7 | 96.1     | 98.0         | 98.0         | 98.6 | 99.0   | 99.1      | 99.5 | 99.5 | 99.5   | 99.5    | 29.0    | >7.6         |                |
| ≥ 500    |      | 94.4  | 95.7 | 96.1     | 98.5         | 98.0         | 98.6 | 99.0   | 99.1      | 99.6 | 99.4 | 99.6   | 99.7    | 99.7    | 99.7         | 99.            |
| ≥ 400    |      | 04.4  | 95.7 | 96.1     | 98.2         | 98.2         | 90.8 | 99.4   | 99.5      | 99.9 | 99.9 | 99.9   | 100•១   | 100.4   | 1,30.0       | 1 :            |
| ≥ 300    |      | 94.4  | 95.7 | 96.1     | 98.2         |              | 98.8 | 99.4   | 99.5      | 99.9 | 99.9 | 99.9   | 100.0   | 170.J   | 100.0        | 1/ 3.          |
| ≥ 200    | ·    | 04.4  | 95.7 | 96.1     | 98.2         | 1            | 98.8 | 99.4   | 99.5      | 99.9 | 99.9 | 99.9   | 160.0   | 110.3   | 100.7        | 100.           |
| > 100    |      | 74.4  |      | 96.1     | 98.2         |              |      | 99.4   | 99.5      |      | 99.4 |        |         | 100.0   |              | 1 : • :        |
| 2 0      |      | 34.4  | 95.1 | 96.1     | 98.2         |              | 98.8 | 99.4   | 99.5      |      | 99.9 |        |         |         | 1 10.5       | 100.           |

TOTAL NUMBER OF OBSERVATIONS

OL GAL CLIMATCLOUY BRANCH CARETAC AT REATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

71-80

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

| 1E.№)           |      |       |      |              |             |      | 1:5  | 8." 5" | A"L"E MIL | ES   |        |         |         |         |         |                |
|-----------------|------|-------|------|--------------|-------------|------|------|--------|-----------|------|--------|---------|---------|---------|---------|----------------|
| /FEET)          | ≥ .c | ≥ 6   | ≥ 5  | ≥ 4          | ≥3          | ≥2%  | 2.   | ≥ ½    | ≥1%       | ≥ '  | ≥ 4    | ≥ %     | 2.7     | ≥ 5 1 6 | 2.4     | ≥.             |
| NO EUNO         |      | 25.7  | 25.7 | 75.7         | 25.7        | 25.7 | 25.7 | 25.7   | 25.7      | 25.7 | 25.7   | 25.7    | 25.7    | 25.7    | 25.7    | <b>^5.</b>     |
| ≥ 20900         |      | 36.   | 35.0 | 36.1         | 36.1        | 35.1 | 36.1 | 26.1   | 36.1      | 36.1 | 36.1   | 36.1    | 30.1    | 26.1    | 3201    | 36.            |
| ≥ +8000         |      | 35.1  | 35.0 | 35.1         | 36.1        | 36.1 | 36.1 | 76.1   | 36 - 1    | 36.1 | 36.1   | 36.1    | 34.1    | [ 36.1  | 36.1    | 7€.            |
| ≥ 670K)         |      | 76.   | 36.0 | 36.1         | 36.1        | 35.1 | 36.1 | 36.1   | 36.1      | 36.1 | 36.1   | 30.1    | 36.1    | 36.1    | لمعثنا  |                |
| ≥ '4000         |      | 35.1  | 35.7 | 36.1         | 36.1        | 36.1 | 36.1 | 36.1   | 36.1      | 36.1 | 36.1   | *f . 1  | 36.1    | 35.1    | 74.1    | 7 ೬ •          |
| ≥ 200C          |      | ?5.2  | 35.2 | 36.3         | 36.3        | 36.3 | 36.3 | 36.3   | 36.3      |      | 3c - 3 | 36.3    | 34.3    | ن و ن   | 36.2    | 750            |
| 2 0000          |      | 37.7  | 37.7 | 37.8         | 38.0        | 36.3 | 38.0 | 38.0   | 3°•7      | 38.0 | 38.    | 30.0    | 36.0    | 36.     | 30.5    | 7.             |
| \$ <b>9</b> 000 |      | 37.7  |      | <u> 37.a</u> |             |      | 39.7 |        |           | 36.0 |        | 3 H . C | 35.0    | بعثث    | 330     | عتنا           |
| ≥ 800C          |      | 44.2  | 46.2 | 46.3         | -           | 1    | - !  | 46.5   | 46.5      |      | 45.5   | 46.5    |         | 46.5    | 44.5    | •5•            |
| ≥ 2000          |      | 4 . 2 |      | 46.3         |             | 46.5 | 46.5 | 46.5   | 46.5      | 46.5 |        | 46.5    | 46.5    | 46      | 400     | 400            |
| 2 6000          |      | 4 2   | 46.2 | 46.3         | 44.5        | 46.5 | 46.5 | 46.5   | 45.5      | 46.5 | 46.5   | 46.5    | 46.5    | 46.5    | 4 5 • S | # 5 e '        |
| ≥ 500C          |      | 41.03 | 45.3 | 46.5         | 46.6        | 46.6 |      |        | 45.6      |      | 46 et  | 40.5    |         |         | 46.6    | 40.            |
| ≥ 4500          |      | 46.4  | 46.9 | 47.0         | 47.1        | 47.1 | 47.1 | 47.1   | 47.1      | 47.1 | 47.1   | 47.1    | 47.1    | 47.1    | 47.1    | e 7 •          |
| ± 4000          |      | 62.2  | 62.2 |              |             |      |      |        |           | 62.6 | 62.5   | 67.6    |         | تفعفت   | 22.00   | 1.0            |
| ± 3500          |      | ¢5.7  | 86.0 | 86.7         | 87.2        | 27.2 | 37.2 | F7.2   | 87.7      | 97.2 |        | 87.2    |         | 67.0    | .7.2    | 17.            |
| 2 3000          |      | 3.3   | 88.8 | 39.5         |             | 90.0 |      |        |           |      |        | 2001    |         |         | · ` • - | 9J.            |
| 2500            |      | ∂8.3  | 88.8 | 89.5         | 90.2        | 90.2 |      |        |           |      |        | 90.2    |         |         | > ₹•?   | 3•             |
| 2 2000          |      | -9.8  |      |              |             | 90.8 |      |        |           |      | 4(.9   |         |         |         | 3704    | С.             |
| ≥ 800           |      | 89.2  | 80.6 | 0∷.4         | 91.2        | 91.2 |      |        |           | ]    |        | 01.3    | 91.3    | -1.5    | -1.7    | 7 i •          |
| ≥ 1500          |      | 91.9  | 92.5 | 93.1         |             | 34.3 |      | 94.9   |           |      |        |         |         | 94.9    | 0.44    |                |
| 200             |      | 23.3  | 94.1 | 94.7         | 97.0        | 97.1 | 97.2 | 97.3   | 97.3      | 97.3 | -      | 97.3    |         | 97.4    | 27.4    | 47.            |
| ≥ ,000          |      | (3.6  | 94.5 |              |             | 97.7 |      | 98.0   |           | 96.0 |        | 98.0    |         | 96.1    | 53.1    | ಿ≎•∶           |
| ÷ 900           |      | 93.4  | 94.5 | 95.4         | 97.7        | 97.8 | 98.1 | 98.4   | 98.4      | 98.5 | 98.5   | 98.5    | 9 A . 5 | 98.5    | 78.5    | >8•            |
| ≥ RCC-          |      | 93.9  |      |              |             | 97.8 |      |        |           |      | 98.5   |         |         | 79.5    | 98.6    | 98.            |
| ≥ 700           |      | 54.1  | 94.9 | 95.7         | 98.1        | 98.2 | 98.4 | 98.7   | 98.7      | 98.8 | 98.8   | 96.8    | 99.3    | 96.9    | 78.9    | 5 9 <b>•</b> 1 |
| ≥ 600           |      | 04.1  | 45.2 | 95.9         |             | 98.5 |      | 99.0   | 99.0      |      | 99.1   | 99.1    |         | 99.2    | 30.2    | 99.            |
| ≥ 500           |      | 24.1  | 9    | 96.0         | 98.6        | 98.7 | 99.0 | 99.4   | 99.4      | 79.5 | 99.5   | 99.5    | _       |         | 79.6    | 79.            |
| ≥ 40C           |      | 94.2  |      | 96.1         | <u>98.7</u> | 98.8 |      |        | 99.5      | 99.6 | 99.5   | 99.6    |         | 9.7     | 39.7    | 99.            |
| ≥ 300           |      | 94.2  | 95.4 | 96.1         |             |      |      | 99.5   | 99.5      | 99.7 | 99.7   | 99.7    | 39.7    | 99.E    | 69.8    | 09.            |
| 2 200           |      | 94.2  | 95.4 | 96.1         |             | 98.8 | 99.1 | 99.5   | 99.5      | 99.7 | 99.7   |         |         | 99.9    | 33.0    | 37.            |
| > 100           |      | 74.2  | 95.4 | 96.1         | 98.7        | 98.6 | 99.1 | 99.5   | 99.5      | 79.7 | 99.7   | 93.8    | 99.9    | 100.0   | 130.0   | 100.           |
| ≥ U             |      | 94.2  | 95.4 | 96.1         | 98.7        | 98.8 | 99.1 | 99.5   | 99.5      | 99.7 | 99.7   | 99.8    | 90.0    | 170.0   | 163.0   | uro.           |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

ELHAL CLIMATOLOGY ERANCH LIBETAC AT AEATHER SERVICENMAC

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|                     |     |                  |              |              | <u></u>          |      | • · 5        | 8." 5"  | A"."E % .    | E S          |              |              |              |              |                |               |
|---------------------|-----|------------------|--------------|--------------|------------------|------|--------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|---------------|
| (PEET)              | 5.0 | ≥ 6              | ≥ 5          | ≥4           | ≥ 3              | 224  | ≥;           | ≥ ″     | ≥:%          | ≥,           | 2 4          | ≥ %          | <u> </u>     | ≥5″8         | 2.             | ≥.            |
| NO 1€UNG<br>≥ 20000 |     | 27.1             | 27.1         | 1            | 27.1             | 27.1 |              | 27.1    | 27.1<br>40.1 | 27.1         | 27.1         | 27.1         | 27.1         | 27.1<br>40.1 | 17.1           | 27.1          |
| 2 18000<br>≥ 5000   |     | 47.1             |              | 40.1         |                  | -    | 47.1         | 40.1    | 40.1<br>40.1 | 40.1<br>40.1 | 40.1         | 40.1<br>43.1 | 40.1<br>40.1 | 43.1<br>43.1 | 47.1           | u ( 1         |
| ≥ 14000<br>≥ 12000  |     | 43.1             | 40 · 3       |              |                  | 43.1 | 40 <b>•1</b> | 40.1    | 40.1         | 41           | 40.1         | 40.1         | 40.1<br>41.3 | 40.1         | 40.1           | 40.1          |
| ≥ 10000<br>≥ 9000   |     | 1.5              |              | 41.5         |                  | 41.5 | 41.5         | 41.6    | 41.6         | 41.6         | 41.6         | 41.5         | 41.5         | 41.6         | 41.5           | 91.5          |
| ≥ 800C<br>≥ 790C    |     | 43.8             | 48.9         | 48.8         | 48.9             |      | 48.9         | 49.0    | 40.7         | 49.0         | 49.          | 44.0         | 4            | 49.          | 47.            | 40.           |
| ≥ 6000<br>≥ 5000    |     | 46.6             | 49.5         | 46.8         | 44.9             | 43.9 | 40.0         | 49.0    |              | 45.0         | 49.1         | <del></del>  | 45.1         | 49.          | 49.1           | 49.           |
| ≥ 4500<br>≥ 4000    |     | * 7 • 4<br>5 • 8 | 50.4         | 50.4         | 50.5             | 50.5 | 50.5         | °.0 • 6 | 50.6         | 5 € • €      | 57.et        | 50.6         |              | 1            | 50.6<br>96.0   | 5 • 5<br>(6•) |
| ≥ 3500<br>≥ 3006    |     | 87.8<br>85.4     |              | 1 1          | 86.7             | 88.7 | 58.7         |         |              |              |              | _            | 55.3         |              | 20 P           | \3            |
| ± 2500<br>± 2000    |     | 90.8<br>27.5     | 1            | 1            |                  |      |              |         | 91.0<br>92.2 |              |              |              | 91.J         | 91.3<br>92.4 | 71.0<br>72.4   | 2.6           |
| ≥ 800<br>≥ 1500     |     | 91.3<br>93.5     | 1            |              |                  |      |              | °2.9    | 97.9<br>95.8 |              |              |              | ,            |              | 23.1<br>-6.1   | °3•1<br>°6•1  |
| ≥ 1200<br>≥ 000     |     | 74.4             |              | 95.7         | 96.6             |      | : 1          |         | 97.3<br>97.6 |              | i            | 1            |              |              |                | 77.6          |
| ÷ 900<br>≥ 800      |     | 95.1             | 95.7<br>95.7 | 96.3<br>96.3 | 97.3<br>97.3     | ,    | 1            |         |              |              | 99.7<br>98.3 |              |              | 98.6<br>48.6 |                | 4 to 6        |
| ≥ 700<br>≥ 600      |     | 05.1<br>95.5     | 95.1<br>96.2 | 96.3<br>96.9 | 97.8             |      |              |         |              |              |              | 1            | 49.6<br>99.4 | -            |                |               |
| ≥ 500<br>≥ 400      |     | ?5.6<br>≎5.1     | 96 • 3       | 27.0<br>27.1 | 98 • 1<br>96 • 2 |      |              |         | 99.2<br>99.5 | -            |              | 99.6         | 97.9         | 1.0.         |                | ი9.4<br>1∩ც.( |
| ≥ 300<br>≥ 200      |     | 95.7<br>95.1     | 96.5<br>96.5 | 97.1         | 98.2             | 78.3 | 98.8<br>98.8 | 99.5    | 99.5         | 99.6         | 99.7         | 99.8         | 49.9         | 105.0        | 1.0.1<br>1.0.0 |               |
| > 100<br>2 0        |     | 75.7             | 96.5         | 1            |                  | 1    | 98.8<br>98.8 |         |              | 99.6         | -            |              |              |              | 140.5<br>142.5 |               |

TOTAL NUMBER OF OBSERVATIONS

CL AL CLIMATOLULY PHANCH METAC A. CATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

1 2 1

CAUFS AC AZ

71-00

^ ( **†** 

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1- -----

| 4.47             |     |                |       |      |         |      | v:5  | 8. ** 5* | ATUTE MILI | E S  |               |       |         |        |            |         |
|------------------|-----|----------------|-------|------|---------|------|------|----------|------------|------|---------------|-------|---------|--------|------------|---------|
| 1256.            | ≥ 0 | ≥6             | ≥ 5   | ≥ 4  | ≥ 3     | ≥2%  | ≥ ;  | ≥ ″      | ≥1%        | ≥'   | 2 4           | ≥ %   | ≥∀      | ≥ 5/16 | 2 4        | ≥ .     |
| No. E. N.        | -   | •              | 2:.7  | 24.2 | 20.2    | 25.2 | 28.2 | 26.2     | 23.2       | 26.2 | 28.0          | 26.2  | 2.5     | 7.8.7  | 3.3        | 25.7    |
| ± 21000          | 4   | ادما           | 41.5  | 41.8 | 41.8    | 41.6 | 41.3 | 41.8     | 41.2       | 41.5 | 41.5          | 41.5  | 41.5    | 41.5   | 41.5       | 43.65   |
| ≥ 18000          | 4   | 11.            | 41.6  | 41.8 | 41.8    | 41.6 | 41.9 | 41.8     | 41.5       | 41.8 | 41.6          | 41.3  | 41.5    | 41.6   | 41.3       | 41.63   |
| 3 5 %            |     | 11.8           | 41.0  | 41.8 | 41.8    | 41.3 | 41.9 | 41.8     | 41.8       | 41.5 | 41.           | 41.5  | 41.8    | 41.5   | -1.5       | 41.03   |
| 2 4000           | 4   | 11.5           | 41.9  | 41.8 | 41.8    | 41.8 | 41.9 | 41.8     | 41.4       | 41.E | 41.5          | 41.3  | 41.8    | 41.5   | 41.4       | 41.     |
| 2 2000           |     | 12.1           | 42.4  | 42.0 | 42.8    | 42.0 | 42.8 | 42.8     | 42.8       | 42.8 | 42.5          | 42.6  | 42.3    | 42.5   | 4.7.       | 4.0     |
| ± 9900           | 4   | . 4 . 1        | 44.1  | 44.1 | 44.1    | 44.1 |      |          | 44.1       | 44.1 | 44.1          | 44.1  | 44.1    | 44.1   | 44.1       | 44.1    |
| ≥ ¥U01           |     | 4.1            | 44.1  | 44.1 | 44.1    | 44.1 | 44.1 |          | 44.1       |      |               | 44.1  |         |        | 44.1       |         |
| ≥ 9000<br>≥ 7000 | 4   | 19.7           | 49.7  | 49.7 | 49.7    | 49.7 |      |          | 43.7       | 1    | 40.7          | _     |         | -      | _          |         |
| 2 700C           | 4   | 7              | 40.7  | 49.7 |         |      |      |          |            |      | 49.7          |       |         | 49,7   |            | 43.7    |
| ± 6000<br>± 5000 | 4   | . 7            | 42.7  | 49.7 |         |      |      |          | 49.7       |      |               | -     |         | 49.7   | 49.7       | 49.7    |
|                  |     | • <b>→</b> • 8 | 49.5  |      | 49.8    |      |      |          |            |      |               |       | 49.8    |        | 43.0       |         |
| 2 4500<br>2 4000 | •   | ∵•7            | 5.7.7 | SU.7 | 5 . 7   |      | 7    |          |            | 50.7 | 50.7          |       | 50.7    | 50.7   | -          | * 2 • 7 |
|                  |     | 5.1            | 66.2  |      |         |      |      | 66.3     |            |      |               |       | 65.3    |        |            | 16.3    |
| 2 3500<br>2 3000 |     | 7.1            | 87.4  |      | 87.6    |      | 37.7 |          |            |      |               | -     |         |        |            | 27.7    |
|                  |     | 8.6            |       |      |         |      |      |          |            | 89.7 |               |       |         |        |            |         |
| 2500<br>2005     | 1   | 3 / . 3        |       |      | 5 • ″ ن |      |      | 90.4     |            |      |               |       | 94      |        |            |         |
|                  |     | 3 5 <b>. 9</b> |       |      |         |      |      |          |            | 91.1 |               |       |         |        |            |         |
| ≥ 800<br>± 1500  |     | ា ១            |       |      | 91.5    |      | 91.7 |          |            | 91.7 |               |       | 91.7    |        |            |         |
|                  |     | 14.1           | 9 - 2 |      |         |      |      |          |            | 96.7 |               |       |         |        |            |         |
| ≥ -200           | i   | · 5 • 6        |       |      | 98.0    |      | 98.3 |          |            | 98.7 |               |       | 94.8    |        |            |         |
| i                |     | 55.7           |       |      |         |      |      |          |            | 99.0 | $\overline{}$ |       |         |        |            |         |
| .4 90€<br>2 80€  |     | 25.7           |       |      | 98.2    |      | 98.5 |          | - 1        | 99.0 |               |       | 99.1    |        |            | 99.1    |
|                  |     | 35.7           |       |      |         |      |      |          |            | 99.0 |               |       |         |        |            |         |
| ≥ 700<br>≥ 600   | I . | ₹5.8           | 1     |      | 98.4    |      |      |          |            | 99.2 |               | -     |         |        | •          |         |
|                  |     | <u>₹6.0</u>    |       |      | 98.6    |      |      |          |            | 99.5 |               |       |         |        |            |         |
| 2 500<br>3 400   |     | 96.0           |       |      | 93.6    |      |      |          | -          | 99.6 |               |       |         |        | 39.7       |         |
|                  |     |                |       |      | 99.6    |      |      |          |            | 99.6 |               |       |         |        |            |         |
| 2 300<br>2 200   |     | . 1            | i     |      | 98.6    |      |      |          |            | 99.8 |               |       | 99.9    |        |            | 30.0    |
|                  |     |                |       |      | 98.6    |      |      |          |            | 99.8 |               |       |         |        |            |         |
| > 100<br>+ 0     |     | 96.            |       |      | 98.6    |      |      |          | -          | 99.8 |               |       |         |        |            |         |
| 2 0              | ;   | 76.0           | 97.7  | 97.8 | 98.6    | 98.6 | 98.9 | 99.4     | 99.4       | 99.5 | 99.9          | 100.0 | Tou • o | 100.0  | 1 , 4 • ;; | 1 'U.   |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

6.24

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

•

CL TAL CLIMATOLOLY FRANCH PARETAC AN LEATHER SERVICEZHAC

### CEILING VERSUS VISIBILITY

1 2 1 LAUES AT AC STATION NAME 71-60

MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-00-000 Hours (u.s.t.)

| 1E ( N/5            |      |       | -    | -     |      |      | ۰ \$ | B. ** 5** | ATUTE MI. | E S         |              |       |       |         |        |               |
|---------------------|------|-------|------|-------|------|------|------|-----------|-----------|-------------|--------------|-------|-------|---------|--------|---------------|
| (:EE*N              | ≥ .0 | ≥ 6   | ≥ 5  | ≥ 4   | ≥ 3  | ≥2%  | ≥;   | ≥.%       | 21%       | 5.          | ≥ .          | ≥%    | 2 "   | ≥ 5/16  | 2.     | ≥.            |
| NO 1EUNO<br>≥ 20000 |      | 20.9  | 3 `• | 7C.d  | 70.0 |      |      | 30.0      | 30.0      | 36.0        | 20.0         | 30.0  | 3 • ^ | 11.1    | 47.0   | 7             |
|                     |      | 37.3  | 39.4 | 39.4  | 39.4 | 39.4 |      |           | 30.4      |             | 35.4         | 39.4  | 4     |         | 70.4   | <del></del> - |
| ≥ 18000<br>≥ 6000   |      | 19.3  | 39.4 | 39.4  | 30.4 | 39.4 | 1    | 39.4      | 39.4      |             | 39.4         | 39.4  | 32.4  |         | 39.4   | -             |
|                     |      | 37.3  | 39.4 | ₹0.4  | 39.4 | 39.4 |      |           | 39.4      |             | 39,4         | 30.4  | 37.4  |         | 30.4   | ? 9 a 4       |
| ≥ 460C              |      | 3.5.3 | 39.4 | 39.4  | 30.4 | 39.4 | 39.4 | 39.4      | 39.4      | 39.4        | 39.4         | 39.4  | 39.4  |         | 37.4   | 7.9 . 4       |
| ≥ 12000             |      | 30.9  | 40.0 | 40.4  | 40.0 |      | 40.0 | 40.0      | 40.0      | 43.0        | <u> 40.7</u> | 40.3  | 43.0  |         | 40.1   | 4 U           |
| ≥ 10000             |      | 41.3  | 41.4 | 41.4  | 41.4 | 41.4 | 41.4 | 41.4      | 41.4      | 41.4        | 41.4         | 41.4  | 41.4  | ~ I • ધ | 41.4   | 41.4          |
| ≥ 9000              |      | 41.5  | 41.7 | 41.7  | 41.7 | 41.7 |      | 41.7      | 41.7      | 41.7        | 41.7         | 41.7  | 41.7  | 41.7    | 41.7   | 4107          |
| ≥ 9000              |      | 46.4  | 47.0 | 47.0  | 47.d | 47.ũ | 47.0 | 47.0      | 47.0      | 47.0        | 47.0         | 47.0  | 47.0  | 47.     | 47.    | 47.           |
| ≥ 7000              |      | 45.3  | 47.0 | 47.0  | 47.0 | 47.0 | 47.0 | 47.0      | 47.0      |             | 47.7         | 47.3  | 47.0  | 47.     | 47.    | 47.           |
| ≥ 6000              |      | 46.8  | 47.  | 47.0  | 47.0 | 47.0 | 47.0 | 47.0      | 47.7      | 47.7        | 47.7         | 47.3  | 47.0  | 47.3    | 47.0   | 47.           |
| ≥ 5000              |      | 47.1  | 47.4 | 47.4  | 47.4 | 47.4 | 47.4 | 47.4      | 47.4      | 47.4        | 47.4         | 47.4  | 47.4  | 47.4    | 47.4   | 47.4          |
| ≥ 450C              |      | 47.7  | 47.4 | 47.9  | 47.0 | 47.9 | 47.9 | 47.9      | 47.0      | 47.9        | 47.0         | 47.7  | 47.9  | 47.5    | 47.9   | ~7.,          |
| 2 400C              |      | 41.4  | 61.6 | ٤1.6  | 61.6 | 61.6 | 61.6 | 61.6      | 61.6      | 61.6        | 61.5         | 61.5  | 61.6  | 61.0    | 51.6   | 41.4          |
| ≥ 3500              |      | :4.7  | 85.4 | 75.4  | 85.8 | 85.8 | 65.8 | 85.8      | 85.8      | 85.8        | 55.1         | 45.8  | 35.8  | 35.5    | 75.A   | 5.            |
| ≥ 3000              |      | 29.1  | 89.8 | 89.4  | 90.3 | 90.1 | 90.3 | 90.3      | 90.3      | 9: 3        | 90.3         | 90.3  | 93.3  | 90.3    | 45.3   | 0.00          |
| ± 2500              |      | 87.7  | 90.1 | 90.3  | 92.9 | 90.9 | 90.9 | 90.9      | 90.9      | 96.9        | 97.4         | 77.9  | 90.9  | 90.0    | 3 . 3  | ÷             |
| 2000                |      | 73.1  | 90.7 | 20.7  | 91.4 | 91.4 | - 1  |           | 91.4      | 1           | i            | 91.4  | 91.4  | 91.4    | -1.4   | ~1.4          |
| ≥ 1800              |      | 71.0  | 91.6 |       |      | 92.4 |      | 92.4      | 92.4      |             |              | 02.4  | 92.4  |         | 7. 4   | 2             |
| ≥ 150C              |      | 94.2  | 95.5 |       | 96.8 | 96.8 | •    | 97.3      | 97.0      |             | 97.3         | 97.0  |       |         | 37.7   | 97.0          |
| ≥ 120¢              |      | C4.6  | 96.1 | 96.3  | 98.1 | 98.1 |      | Ç8.       | 98.5      |             | 98.5         | 93.5  |       |         | ,0.5   | 94.5          |
| ≥ -000              |      | 94.6  |      |       | 98.4 | 96.4 |      |           | 98.9      | 1 1         | 98.9         | - 1   |       |         | 96. 9  | QH. 9         |
| ± 90€               |      | 74.7  | 96.3 | 96.6  | 98.6 | 96.6 |      |           | 99.1      |             | 99.1         | 99.1  |       | 99.1    | 79.1   | 19.1          |
| ≥ 800               |      | 74    | 96.3 | 96.6  |      | 98.7 |      |           | 99.2      | 1 1         |              |       |       |         |        | 29.           |
| > 700               |      | 94.9  | 96.6 |       | 98.9 | 98.9 |      |           | 99.5      |             | 99.5         |       |       |         | 39.5   | 99.1          |
| ≥ 600               |      | 24.9  |      |       |      | 98.9 |      |           | 99.5      | 1 - 1       |              |       |       |         | 49.5   | 29.5          |
| > 500               |      | 94.9  |      |       |      | 98.9 |      | 99.5      | 99.7      | 99.7        | 99.7         | 99.7  |       |         | 90.7   | 77.7          |
| ≥ 500<br>≥ 400      |      | 74.9  |      | 1     |      | 99.0 |      |           | 99.8      | ,           |              | 99.8  |       | . ,     |        | 99.1          |
| 300                 |      | 24.9  | 96.6 |       | 99.0 | 99.0 |      | 79.6      | 99.8      |             | 99.8         |       |       |         | 99.3   | 29            |
| ≥ 300<br>≥ 200      |      |       |      |       |      |      |      |           | 99.8      | 1           |              |       | 99.8  |         | , ,    |               |
|                     |      | 94.9  |      |       | 99.0 |      |      |           | 99.9      | <del></del> |              |       |       | 100.0   |        |               |
| > 100 t             |      | 04.9  |      | 1 1 1 | - 1  |      |      |           |           |             | - 1          |       |       | _       |        |               |
| <u> </u>            |      | 94.9  | 96.6 | 96.9  | 99.T | 99.3 | 99.2 | 99.7      | 99.9      | 99.9        | 77.4         | 100.3 | LUCTO | 100.0   | 10.100 | 4 - · U ⊕ - · |

PART CREMATOROGY BRACHCH CTITAC CEAT OF SERVICE/MAC

## CEILING VERSUS VISIBILITY

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71-80

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.1.0**-**23.

| 1E . No. 3   |      |         |      |         |      |      | v:\$    | B . ** 5! | ATUTE MIL | E S    |       |       |            |        |                |         |
|--------------|------|---------|------|---------|------|------|---------|-----------|-----------|--------|-------|-------|------------|--------|----------------|---------|
| /*fE">       | ≥ ': | ≥6      | ≥ 5  | ≥ 4     | ≥ 3  | ≥2%  | ≥;      | ≥. 7      | ≥1%       | ≥`     | ≥ 4   | ≥ %   | <u>≥</u> ′ | ≥ 5/16 | 2 4            | ≥ ડ     |
| NO EUN       |      | 34.0    | 34.7 | 34.7    | 3⊶.8 | 34.6 | 34.8    | 74.8      | 34.2      | 34.8   | 34    | 34.6  | 34.5       | 34.5   | 34.0           | ۲4,6    |
| ≥ 20000      |      | 3:01    | 33.2 | 25.2    | 35.3 | 30.3 | 39.3    | 38.3      | 38.3      | 36.3   | 38.3  | 30.3  | 3° . 3     | 38.4   | 39.3           | 36.2    |
| ≥ 18000      |      | 34.1    | 39.7 | 39.2    | 38.3 | 35.3 | 3 P • 3 | 76.3      | 38.3      | 38.3   | 35.3  | 38.3  | 32.3       | 38.3   | 3 7            | 75•3    |
| .≳ 614¥.     |      | 3 - 0 1 | 33.2 | 30.2    | 32.3 | 38.3 | 35.3    | 38.3      | 38.3      | 38.2   | 38.3  | 30.3  |            | 38.3   | 35.7           | 3502    |
| ≥ '4600      |      | 3 - • 1 | 38.2 | 3 ≥ • 2 |      | 39.3 | 35.3    |           |           | 36.3   | 35.3  | 38.0  | 3 3        | 30.3   | 3 5 • ₹        |         |
| ≥ 2000       |      | 33.4    | 35.5 | 33.5    |      | 38.6 |         |           |           |        |       |       | 38.5       |        | 35.6           |         |
| ≥ 1000€      |      | 30.2    | 30.4 | 30.4    | 39.5 | ₹9.5 | 39.5    |           | 39.5      | ₹9.5   | 30.5  | 1     |            |        | 39.5           |         |
| ≥ 900C       |      | 37.4    | 37.5 | 39.5    | 37.6 | 24.6 | 30.6    | 39.6      | 39.6      | 39.€   | 39.5  | 39.6  | 34.6       | 39.5   | 39.5           | 23.5    |
| ≥ 8000       |      | 43.3    | 43.9 | 43.9    | 44.0 | 44.0 | 44.0    | 44.3      | 44.7      | 44.0   | 44.   | 44.5  | 44.7       | 44.3   | 44.0           | 44      |
| ≥ *000       |      | 43.3    | 43.4 | 43.9    | 44.0 | 44.0 | 44.0    | 44.0      | 44.5      | 44.0   | 44.   | 44.0  | 44.0       | 44.    | 44.            | 440     |
| ≥ 6000       | '    | 43.4    | 43.9 | 43.9    | 44.0 | 44.0 | 44.0    | 44.0      | 44.0      | 44.5   | 44.0  | 44.3  | 44.0       | 44.    | 44.0           | 44.0    |
| ≥ 5000       |      | 43.8    | 43.9 | 43.9    | 44.0 | 44.0 | 44.0    | 44.0      | 44.       | 44.    | 44.7  | 44.   | 44.0       | 44.    | 44.            | 44.     |
| ≥ 4500       |      | 44.0    | 44.1 | 44.1    | 44.2 | 44.2 | 44.2    | 44.2      | 44.2      | 44.2   | 44.2  | 44.2  | 44.2       | 44.2   | 44.2           | 44.2    |
| ≥ 4000       |      | 57.6    | 57.7 | 57.7    | 57.8 | 57.8 | 57.8    | 57.3      | 57.8      | 57.8   | 57.8  | 57.8  | 57.8       | 57.0   | 57.8           | 57.8    |
| ≥ 350C       |      | ે 5 • 3 | 85.6 | 55.0    | 36.1 | 96.1 | 36.1    | 66.1      | 36.1      | 86 . 1 | 86.1  | 86.1  | 87.1       | 56.1   | a6 • 1         | 86.1    |
| ≥ 3000       |      | 29.9    | 90.4 | 91.0    | 91.1 | 91.1 | 91.1    | 91.1      | 91.15     | 21.1   | 91.1  | 91.1  | 51.1       | 71.1   | 71.1           | 91.1    |
| ≥ 2500       |      | 90.6    | 91.2 | 91.7    | 91.8 | 91.8 | 91.8    | 71.8      | 91.0      | 96     | 91.F  | 91.8  | 91.5       | 91.5   | 91.8           | 91.7    |
| ≥ 2000       |      | 97.9    | 91.4 | 91.9    | 97.0 | 92.0 | 92.2    | 92.2      | 72.2      | 92.2   | 92.2  | 92.2  | 92.2       | 92.    | .2.2           | 120     |
| ≥ '800       |      | 91.7    | 92.3 | 92.8    | 93.0 | 93.0 | 93.1    | 93.1      | 93.1      | 93.1   | 93.1  | 93.1  | 97.1       | 03.1   | 93.1           | 1 • ذ ٢ |
| ≥ 1500       |      | 34.5    | 94.7 | 95.5    | 96.3 | 96.3 | 96.7    | 96.7      | 96.7      | 96.7   | 96.7  | 06.7  | 76.7       | 46.7   | 96.7           | 40.7    |
| ≥ 1206       |      | 94.5    | 95.8 | 96.6    | 97.8 | 97.8 | 98.3    |           | 48.3      | 98.3   | 98.3  | 98.3  | 90.3       | 98.5   | -8.7           | 98.     |
| ≥ .000       |      | 94.5    | 95.9 | 96.7    | 99.1 | 78.1 | 98.6    | 98.8      | 98.8      | 98.8   | 98.0  | 98.8  | 94.8       | 98.5   | 9 <b>8</b> . A | Qê.r    |
| ÷ 900        |      | ≎4.8    | 96.3 | 97.1    | 98.5 | 98.5 | 99.7    | 99.4      | 99.4      | 94.4   | 99.4  | 99.4  | 49.4       | 49.4   | 79.4           | 99.4    |
| 2 800        |      | ^4.8    | 96.3 | 97.1    | 98.7 | 98.7 | 99.2    | 99.6      | 99.6      | 99.7   | 99.7  | 99.7  | 49.7       | 99.7   | 99.7           | 39.7    |
| 2 700        |      | 54.3    | 96.5 | 97.2    | 98.8 | 98.8 | 99.4    | 99.7      | 39.7      | 99.8   | 99.8  | 99.8  | 90.3       | 99.8   | 99.8           | 99.0    |
| ≥ 600        |      | 94.9    |      | 97.2    | 98.9 | 98.9 | 99.5    | 99.8      | 99.8      | 99.9   | 99.0  | 99.9  | 99.9       | 99.9   | 99.9           | 99.9    |
| ≥ 500        |      | 74.9    | 96.5 | 37.2    | 98.9 | 93.9 | 99.5    | 99.8      | 99.8      | 99.9   | 99.9  | 99.9  | 99.9       | 39.4   | 99.9           | 39.0    |
| <b>2 400</b> |      | 94.9    | 96.5 | 97.2    | 98.9 | 24.9 | 99.5    | 90.8      | 99.8      | 99.9   | 99.9  | 99.4  | 99.9       | 99.9   | 39.9           | 9.9     |
| 2 300        |      | 04.9    | 96.5 | 77.2    | 98.9 | 98.9 | 99.5    | 99.8      | 99.8      | 99.9   | 99.9  | 99.9  | 99.9       | 99.0   | 20.0           | 99.     |
| 2 200        |      | 04.9    |      | 97.2    | 98.9 | 98.9 | 99.5    | 09.8      | 99.8      | 99.9   | 99.7  | 99.9  | 99.9       | 99.7   | 79.9           | 94.9    |
| > 100        |      | 24.9    | 96.5 |         | 98.9 |      |         | 99.8      | 99.9      | 10.0   | 130.0 | 120.0 | 150.0      | 100.0  | : 50.0         | 100.0   |
| . 0          |      | 24.9    |      | _ 1 3   |      | 98.9 | , , ,   |           | - 1       | 100.0  |       | 1     |            |        |                |         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 931

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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JE BAL CLIMATOLOGY BRANCH . . FETAC 41 - FEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1771 LAUFS AR AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| (ELN)    | İ           |             |         |        |         |       | ¥1\$ | B . * > 5*/ | NTUTE MIL | £5   | <del>_</del> |      |       |         |       |            |
|----------|-------------|-------------|---------|--------|---------|-------|------|-------------|-----------|------|--------------|------|-------|---------|-------|------------|
| (PEET)   | <b>5</b> .c | ≥ 6         | ≥ 5     | ≥4     | ≥ 3     | ≥2%   | ≥;   | ≥ 1/2       | ≥1%       | ≥,   | ≥ 4          | ≥ %  | 27    | ≥5/16   | 2.4   | <b>≥</b> ∪ |
| NO CEUNG |             | 71.5        | 31.5    | 31.5   | 31.5    | 31.5  | 31.6 | 31.6        | 31.4      | 31.6 | 31.6         | 31.6 | 31.6  | 31 . t. | 31.5  | 71.5       |
| ≥ 20000  |             | ₹3.6        | 39.5    | 38.6   | 33.7    | 38.7  | 38.7 | 38.7        | 38.7      | 36.7 | 39.7         | 38.7 | 38.7  | 33.7    | 30.7  | 3 ?        |
| ≥ 18000  |             | 3 - 6       | 39.6    | 38.6   | 38.7    | 38.7  | 39.7 | 38.7        | 38.7      | 36.7 | 32.7         | 33.7 | 34.7  | 38.7    | 35.7  | 30.7       |
| ≥ '6500  |             | 35.6        | 38.6    | 38.6   | 7 - ن 3 | 38.7  | 38.7 | 38.7        | 38.7      | 38.7 | 38.7         | 38.7 | 38.7  | 30.7    | 33.7  | ?o.7       |
| ≥ '4000  |             | 33.6        | 3A . a  | 35.6   | 35.7    | 38.7  | 38.7 | 38.7        | 38.7      | 38.7 | 38.7         | 38.7 | 35.7  | 38.7    | 39.7  | 30.7       |
| ≥ 12000  |             | 39.0        | 3 2 . 🖰 |        | 39.1    | 39.1  | 39.1 | 39.1        | 39.1      | 39.1 | 35.1         | 39.1 | 39.1  | 70.1    | 30.1  | 79.1       |
| ≥ .0000  |             | 40.4        | 40.0    | 40.d   | 40.1    | 43.1  |      | 40.1        | 40.1      | 40.1 | 41.1         | 40.1 | 4 - 1 | 40.1    | 4 ~ 1 | 4 . • 1    |
| ≥ 900C   |             | <u>55.1</u> | 4 3 . 1 | 40.1   |         | 40.2  | 40.2 |             | 40.2      | 40.2 | <u> 40.2</u> | 40.2 | 4 .2  | 40.2    | 4     | ، وز       |
| ≥ 800C   |             | 45.1        | 45.1    | 45.2   | 45.2    | 45.2  | 45.2 |             | 45.2      | 45.2 | 45.2         | 45.2 | 45.3  | 45.5    | 45.7  | 45.3       |
| ≥ 7000   |             | 45.1        | 45.2    | 45.2   | 45.2    |       | 45.3 | 45.3        | 45.3      | 45.3 | 45.3         | 45.3 | 45.3  |         |       |            |
| ≥ 6000   |             | 4 5 • 1     | 45.2    | 45.2   | 45.2    | 45.2  | 45.3 |             | 45.3      | 45.3 | 45.3         | 45.3 |       | 45.3    | 45.3  | 45.3       |
| ≥ 5000   |             | 45.2        | 45.2    | 45.3   | 45.3    | 45.3  | 45.3 | 45.3        | 45.3      | 45.3 | 45.3         | 45.2 | 45.4  |         | 45.4  |            |
| ≥ 4500   |             | 45.7        | 45.9    | 45.8   | 45.8    | 45.6  | 45.9 | 45.9        | 45.0      |      | 45.9         | 45.9 | 45.9  |         |       |            |
| ± 4000   |             | 59.7        | 59.8    | 59.8   | 59.9    | 59.9  | 59.9 | 59.9        | 59.9      | 59.9 | 50.0         | 59.9 | 50.9  | 57.4    | 59.9  | 59.9       |
| 2 3500   |             | 55.4        | 85.9    | 86 • Q | 86.3    | 86.3  | 86.4 | 36.4        | 뀕4        |      | 86.4         | 56.4 |       |         |       | 96.4       |
| ≥ 3000   |             | 63.1        | 89.7    | 89.9   | 90.3    | იე.3  | 9C.4 | 90.4        | 90.4      |      |              | 93.4 |       | 60.4    |       |            |
| ≥ 2500   |             | 89.5        | 90.0    | 90.3   | 90.7    | 93.7  | 90.7 | 90.a        | 90.8      | 90.8 | 90•3         | 90.8 | 92.8  | 90.3    | 97.€  | 90.0       |
| ± 2000   |             | 0.09        | 93.6    | 90.9   | 91.4    | 91.5  | 91.6 | 91.6        | 91.6      | 91.6 | 91.6         | 91.6 | 91.5  | 91.5    | 21.6  | 71.6       |
| 2 800    |             | 96.5        | 91.1    | 91.4   | 92.d    | 92.∙0 | 92.1 | 72.1        | 92.1      | 92.1 | 97.1         | 92.1 | 92.2  | 92.2    | 02.2  | 92.1       |
| ≥ 1500   |             | 93.6        | 94.5    | 95.0   | 95.9    | 96.0  |      |             | 96.4      |      | 96.4         | 96.4 |       |         | 96.5  | ુ દુકુ •   |
| ≥ 1200   |             | 74.6        | 95.7    | 96.2   | 97.6    | 97.7  | 98.0 |             | 98.2      |      | 98.3         | 93.3 |       |         |       | 98•1       |
| ≥ .000   |             | 94.8        | 95.9    | 96.5   | 97.9    | 97.9  | 98.3 | 98.5        |           |      |              | 98.7 | 98.7  |         |       | 45.7       |
| ≥ 900    |             | 94.9        | 96.1    | 96.6   | 98.1    | 98.1  | 98.5 | 98.8        | 98.9      | 96.9 | 98.9         | 99.3 | 99.7  |         | 33.3  |            |
| ≥ 800    | l           | 94.9        | 96.1    | 96.6   |         |       |      |             | 99.       | 99.1 | 99.1         | 99.1 | 99.1  | 99.2    | 99.2  |            |
| ≥ 700    |             | 35.0        | 96.2    | 96.8   | 98.3    | 98.3  | 98.7 | 99.1        | 99.1      | 1    |              | 99.2 | 99.3  |         |       | 99.3       |
| ≥ 600    |             | 35.1        | 96.3    | 96.9   |         |       |      |             | 99.4      |      |              | 99.5 |       | _       |       |            |
| ≥ 500    |             | ಾ5 • ३      | 96.4    | 96.9   | 98.5    | 98.6  | 99.0 |             |           | 99.6 |              | 99.7 |       |         | _     | 99.7       |
| ≥ 400    |             | 95.2        | 96.4    | 97.0   | 95.6    | 98.6  | 99.1 | 99.5        | 99.6      | 99.7 | 99.8         | 99.8 |       |         |       |            |
| ≥ 300    |             | 75.2        | 96.4    | 97.0   | 98.6    | 98.6  | 99.1 |             | 99.6      |      |              |      |       |         |       | 1          |
| ≥ 200    |             | 95.2        | 96.4    | 97.0   | 98.6    | 98.6  | 99.1 | 99.5        | 99.6      | 99.8 | 99.8         | 99.9 | 99.9  | 99.7    | 99.9  | 99.9       |
| > 100    |             | 95.2        | 96.4    | 97.0   | 98.6    | 98.6  | 79.1 | 99.6        | 99.7      | 99.8 | 99.8         | 99.9 | 99.7  | 100.0   | 133.7 | 100.       |
| 2 0      |             | 25.2        | 96.4    | 97.0   | 98.6    | 98.6  | 99.1 | 99.6        | 99.7      | 99.8 | 99.9         | 99.9 | 100.0 | 100.3   | 130.5 | 100.       |

## CEILING VERSUS VISIBILITY

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 750 = 320.

| TE CNY              |     |                    |                      |                  |              |      | ۰÷s          | B. TY 5T     | ATUTE MIL            | E5           |       |              |              |       |              |              |
|---------------------|-----|--------------------|----------------------|------------------|--------------|------|--------------|--------------|----------------------|--------------|-------|--------------|--------------|-------|--------------|--------------|
| (# <b>!!!</b> ")    | ≥ 0 | ≥ 6                | ≥5                   | ≥ 4              | ≥ 3          | ≥2%  | 2.2          | ≥ . %        | ≥1%                  | ≥,           | ≥ %   | ≥ %          | ≥ ∨          | ه خ   | 2.4          | ≥c           |
| NO CEUNO<br>≥ 20000 |     | 30.3<br>34.5       | 3.1.3<br>34.6        | 30 • 3<br>34 • 6 | 30.3         |      | 30.3<br>34.6 |              | 30.3<br>34.6         |              |       | 30.5         | 34.5         |       | 30. T        | 35.3<br>34.6 |
| ≥ 18000<br>≥ 6100   |     | 34.6<br>34.6       | 34.6<br>34.6         | 74.6<br>34.6     | 34.6<br>34.6 |      |              |              |                      | 1            |       | 34.6<br>34.6 | 34.6<br>34.6 |       | 34 6<br>34 6 | 34.6<br>34.6 |
| ≥ 14000<br>≤ 12000  |     | 34.6               | 34.4                 | 34 • 0<br>34 • 7 | 34.6<br>34.7 |      |              | 34.6<br>34.7 | 34.6                 | 34.6<br>34.7 |       | 34.6<br>34.7 | 34.5<br>34.7 |       | 34.6<br>34.7 | 34.6<br>34.7 |
| 2000 ≤              |     | 35.4<br>35.4       | 35.4<br>35.4         | 35.4<br>35.4     | 35.4<br>35.4 |      | 35.4         |              | 35.4                 | 35.4         |       | 35.4         | 35.4<br>35.4 |       | 35.4         | 75.4<br>35.4 |
| ≥ 8000<br>≥ 7000    |     | 38.0<br>33.4       | 39.6                 | 38 <b>.6</b>     | 38.3<br>38.6 | 38.6 | 38.6         |              | 38.6                 | 36.6         |       | 39.6         |              | 38.5  | 33.5         | 38.6         |
| ≥ 6000<br>≥ 5000    |     | 3 ± • 4<br>3 ± • 4 | 38.6                 | 36.6             | 39.6         | 38.6 | 38.6         | 38.6         | 38.6                 | 38.6         | 38.6  | 3€.6         | 39.6         | 38.5  | 35.6         | 38.6         |
| ≥ 4500<br>≥ 4000    |     | 34.9               | 40.7                 | 34.2<br>49.8     | 47.8         | 49.8 | 49.8         | 49.8         | 49.8                 | 45.9         | 49.0  | 49.6         | 49.8         | 49.8  | 49.8         |              |
| ≥ 1500<br>≥ 3000    |     | 87.4               |                      | 7° • 3           | 7F.4         | 89.1 | 89.1         | 89.1         | 78.4                 | 59.1         | 89.1  | 89.1         | 39.1         | P9.1  | 89.1         | 78.4<br>89.1 |
| 2 2500<br>2 2000    |     | 58.1<br>53.7       | 89.4                 |                  | 90.7         | 95.7 | 90.8         | 90.8         | 90.8                 | 90.8         | 90.8  | 90.5         | 90.8         | 90.6  | 57.8<br>97.3 | 99.8<br>90.8 |
| 2 1800<br>2 1500    |     | 97.0               | 90.2<br>93.5         |                  | 94.9         | 94.9 |              | 95.0         | 91.2<br>95.0         | 95.0         | 95.6  | 95.0         |              | 95.0  | 95.C         | 91.7<br>95.0 |
| ≥ 1200<br>≥ .000    |     | 74.0<br>74.3       | 95.7<br>96.3<br>96.1 | 96.4<br>96.8     | 98.2         | 98.2 | 98.6         | 98.6         | 98.0<br>98.6<br>98.7 | 98.6         | 98.5  | 98.6         | 98.6         | 98.6  | 98.6         |              |
| ≥ 800<br>≥ 700      |     | 04.8               |                      | 1 1 1            | 98.9         | 98.9 | 99.2         | 99.2         |                      | 99.2         | 99.2  | 99.2         | 99.2         | 99.2  | 99.2         | 99.2         |
| ≥ 600               |     | 95.1               | 96.8                 | 97.8             | 99.2         | 99.2 | 99.6         | 99.6         | 99.6                 |              | 99.6  | 99.6         | 99.6         | 99.t  | 79.6         | 99.6         |
| 2 400<br>2 300      |     | 95.2               | 96.9                 | 97.9             | 99.3         | 99.3 | 99.7         | 99.8         | 99.8                 | 99.8         | 99.8  |              | 99.8         | 99.8  |              | 99.8         |
| 2 200               |     | 95.2               | 96.9                 | 97.9             | 99.4         | 99.4 | 99.9         | 100.0        | 100.0                | 100.0        | 100.0 | 100.0        | 100.0        | 100.0 | 100.0        | 100.0        |
| 2 0                 |     | 95.2               |                      |                  |              |      |              |              |                      |              |       | 100.0        |              |       |              |              |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SE SAE CLIMATOLOGY BRANCH ESAFETAC AT- WEATHIN SERVICE/MAC

## CEILING VERSUS VISIBILITY

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEI, NO              |     |       |      |       |         | _    | ٧١S          | B . ** 5* | ATUTE MIL | ES    |              |       |              |       |       |              |
|----------------------|-----|-------|------|-------|---------|------|--------------|-----------|-----------|-------|--------------|-------|--------------|-------|-------|--------------|
| (FEE')               | ₹.0 | ≥6    | ≥ 5  | ≥ 4   | ≥ 3     | ≥2%  | ≥ 2          | ≥ ٧.      | ≥1.4      | ≥'    | ≥ 4          | ≥ ′4  | 27           | ≥5118 | 2 4   | ≥.           |
| NO CERUNG<br>≥ 20000 |     | 27.8  | 27.4 | 28•0  | 2 5 • 0 |      |              |           |           |       |              | 28.0  |              |       | 2501  | 25.          |
|                      |     | 71.3  | 31.3 | 31.4  | 3 .4    |      | 31.4         |           |           | 31.4  |              | 31.4  |              | 21.4  | 31.4  |              |
| ≥ 18000<br>≥ 5000    |     | 31.3  |      | 31.4  |         | 31.4 | 31.4         | 1         | 31.4      | - 1   |              | ?1.4  | 31.4         |       | 31.4  | 71.4         |
|                      |     | 31.3  | 31.3 | 31.4  |         |      |              |           |           |       | 31.4         | 31.4  | 31.4         | 31.4  | 31.4  |              |
| ≥ 14000<br>≥ 12000   |     | 71.3  | 31.3 | 31.4  |         | 31.4 |              |           | 31.4      | 31.4  | 31.4         | 31.4  | 31.4         | 31.4  | 31.4  | 31.4<br>31.6 |
| - :0000              |     | _31.5 | 31.5 | 31.6  |         | 31.6 |              |           |           |       |              |       | 7174         |       |       |              |
| ≥ '0000' ≥           |     | 31.7  | 31.7 | 31.8  |         | 31.8 | 31.8<br>31.8 |           | 31.8      |       | 31.€<br>31.€ | 31.6  | 31.8<br>31.8 |       | 31.8  | 31.          |
| > 800C               |     | 31.7  | 31.7 | 31.8  |         | 31.8 |              |           |           | 34.5  | 34.5         | 31.5  | 34.5         |       | 34.5  |              |
| ≥ 7000               |     |       | 34.3 | 34 4  |         |      | 34.5         |           | 34.5      | 1 1 1 | 34.5         | 34.5  | 34.5         | 34.5  | 14.5  | 34 -         |
| ≥ 6000               |     | 34.2  |      | 34.4  |         |      |              |           | 34.5      | 34.5  |              | 34.5  |              |       | 34.5  | 34.5         |
| ≥ 5000               |     | 34.3  | 34.4 | 1 1 1 |         |      |              |           |           | 34.6  |              | 34.6  |              |       | 34.5  | 34           |
| > 4500               |     | 35.5  | _    |       | 35.9    | 35.9 |              |           | 35.9      |       | 35.9         | 35.9  |              |       | 35.9  |              |
| ± 4000<br>≥ 4000     |     | 45.5  | 45.7 | 45.8  |         | 46.1 | 46.1         | 46.1      | 46.1      | 46.1  | 46.1         | 46.1  | 46.1         | 46.1  | 46.1  | 46.1         |
| > 350C               |     | 7×.1  | 78.4 |       |         |      | 79.2         |           |           |       |              | 79.2  | 79.2         | 79.2  | 77.   | 79.          |
| ≥ 3000               |     | 67.6  | 1    | 88.5  |         |      |              |           |           | , ,   | 89.5         | 89.5  | 89.5         | 89.5  | 53.5  |              |
| ≥ 2500               |     | 7.9   |      | 88.8  |         | 90.0 | 90.0         |           | 90.0      | 90.0  |              | 90.0  | 90.0         | 90.0  | 90.0  | • 6 • 5      |
| <u>-</u> 2000        |     | 58.6  |      |       |         |      | l i          |           |           |       | 91.0         | 91.0  | 91.3         | 51.0  | 11.   | 41.          |
| ≥ '800               |     | 89.0  |      |       |         | 91.3 | 91.3         | 91.3      | 91.3      | _     |              | 91.3  | 91.3         | 91.3  | ा. र  | 91.          |
| ≥ 1500               |     | 9 .0  | l    | 93.5  |         | 95.1 | 95.1         | 95.1      | 95.1      | 95.1  | 95.1         | 95.1  | 95.1         | 95.1  | 95.1  | 95.1         |
| ≥ 1200               |     | 3.4   | 94.7 | 95.7  | 97.4    | 97.4 | 97.4         | 97.4      | 97.4      | 97.4  | 97.4         | 97.4  | 97.4         | 77.4  |       | 37.4         |
| ≥ .000               |     | 03.5  |      | 95.9  |         | 98.1 |              | 98.1      | 98.1      | 98.1  | 98.1         | 96.1  | 96.1         | 98.1  | 95.1  | 98.2         |
| ≥ 90€                |     | 23.7  | 94.9 | 96.0  | 98.4    | 98.4 | 98.4         | 98.4      | 98.4      | 98.4  | 98.4         | 98.4  | 98.4         | 98.4  | 95.4  | 98.4         |
| ≥ 806                |     | 24.5  | 95.2 | 96.3  | 98.9    | 98.9 | 98.9         | 98.9      | 98.9      | 98.9  | 98.9         | 98.9  | 98.9         | 78.9  | 93.9  | \$8.5        |
| ≥ 700                |     | 34.0  | 95.2 | 96.3  | 98.9    | 98.9 | 98.9         | 98.9      | 98.9      | 98.9  | 98.9         | 98.9  | 93.9         | 98.9  | ÿA.9  | 96.9         |
| ≥ 600                |     | 94.2  | 95.4 |       | 99.1    | 99.2 | 99.2         | 99.1      | 99.3      | 99.3  | 99.3         | 99.3  | 99.3         | 99.3  | 99.3  | 94.          |
| ≥ 500                |     | 94.3  | 95.5 | 96.7  | 99.2    | 99.3 | 99.3         | 99.4      | 99.4      | 99.4  | 99.4         | 99.4  | 99.4         | 59.4  | ÇQ.4  |              |
| ≥ 40C                |     | 94.3  | 95.5 | 96.1  | 99.3    | 99.6 | 99.6         | 99.7      | 99.7      | 99.7  | 99.7         | 99.7  | 99.7         | 99.7  | 99.7  | 99.7         |
| ≥ 300                |     | 94.3  | 95.5 | 96.7  | 99.3    | 99.6 | 99.7         | 99.9      | 99.9      | 99.9  | 99.9         | 99.9  | 99.9         | 59.9  | 99.9  | 99.          |
| 2 200                |     | 94.3  | 95.5 | 96.7  | 99.3    | 99.6 | 99.7         | 99.9      | 99.9      | 99.9  | 99.9         | 99.9  | 99.9         | 99.9  | 99.9  | 99.0         |
| > 100                |     | 04.3  | 95.5 | 96.7  | 99.3    | 99.6 |              | 99.9      |           |       | 99.9         | 99.9  | 99.9         | 99.9  | 99.9  | 99.0         |
| · ·                  |     | 94.3  | 95.5 | 76.7  | 99.3    | 99.6 | 99.7         | 99.9      | 99.9      | 100.0 | 100.d        | 100.d | 100.d        | 100.0 | 1:0.0 | 156.0        |

DE PAL CLIMATOLOUY BRANCH DESTAC ATS REATHS SERVICEZMAC

## CEILING VERSUS VISIBILITY

71-80

1 2 1 LAJES AS AZ

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILNO               |      |              |      |              |      |               | ¥1\$         | B. " S"      | ATUTE MIL    | E5        |                      |              |                      |                |              |            |
|----------------------|------|--------------|------|--------------|------|---------------|--------------|--------------|--------------|-----------|----------------------|--------------|----------------------|----------------|--------------|------------|
| iFEE's               | ≥ .0 | ≥6           | ≥ 5  | ≥ 4          | ≥ 3  | ≥ 2 %         | ≥ 2          | ≥ . %        | ≥1%          | ≥1        | ≥ ′a                 | ≥ %          | ≥ ∀.                 | ≥ 5/16         | ≥ 4          | ≥č         |
| NO CEIUNG<br>≥ 20000 |      | 23.0         | 23.0 | 27.0         | 23.0 | 23.0          | 27.0         |              |              |           | 23.0                 |              | 27.0                 | 23.            | 27.0         | 23.        |
| ≥ 18000<br>≥ 6000    |      | 27.0         | 27.1 | 27.0         |      | 2 <b>7.</b> 0 | 27.0         | 27.0         |              |           | 27.0                 | 27.3         | 27.0<br>27.0         | 27.0           | 27.0         | 27.        |
| ≥ '4600<br>≥ '2900   |      | 27.1         | 27.0 | 27.U         | 27.0 | 27.0          | 27.0         | 27.0<br>27.1 | 27.0         | 27.5      | 27.0<br>27.1         | 27.0         | 27.0<br>27.1         |                | 27.3         | :7.<br>27. |
| 2000€ ≤              |      | 27.7         |      | 27.7         |      | 27.7          | 27.7         |              | 27.1<br>27.7 |           | 27.                  | 27.7         | 27.7                 | 27.7           | 27.7<br>27.8 | 77.        |
| ≥ 800C<br>≥ 700C     |      | 27.8<br>31.5 | 31.5 | 27.8<br>31.5 | 31.6 |               |              |              |              |           | 27.8<br>31.6<br>32.0 | 27.6<br>31.6 | 27.8<br>31.6<br>32.0 | 31.6           | 31.6         | 31.        |
| ≥ 6000<br>≥ 5000     |      | 31.8         | 31.9 | 31.9         |      | 32.0          | 32.0         | 32.0         | 32.J         | 32.0      | 32.0                 | 32.0         | 32.0                 | 32.5           | 22.0         | 32.<br>32. |
| ≥ 4500<br>≤ 4000     |      | 31.9         | 32.7 | 32.0<br>32.7 | 32.8 | 32.8          | 32.1<br>32.8 | 7.09         |              | J = • · · |                      | 32.1<br>32.8 | 32.1<br>52.8         |                | 32.8         | 72         |
| ≥ 3500<br>≥ 3000     |      | 77.2         | 77.9 | 1            | 78.5 |               | 78.5         |              |              |           | _                    | 78.5         | 78.5                 |                |              | 78.        |
| ≥ 2500<br>≥ 2000     |      | 85.4<br>85.7 |      | 87.4         | 87.5 | 87.5          |              | 87.5         | 87.5         | 97.5      | 87.5                 | 1            | 87.5                 | 57.5           |              | 97.        |
| ≥ 1800<br>≥ 1500     |      | 96.7         | 88.7 |              | 89.5 | 89.5          | 89.5         | 89.5         | 89.5         | 89.5      | 89.5                 | 89.5         | 88.8                 | 89.5           | 69.5         | 89.        |
| ≥ 1200<br>≥ 1000     |      | 33.3         | 92.5 | 96.2         | 96.7 |               | 96.9         |              | 97.0         | 97.0      | 97.7                 | 97.0         | 94.2                 | 97.0           | 97.          | 97.        |
| ≥ 90C<br>≥ 800       |      | 94.2         | 96.  | 97.3         |      | 98.0          | 1            |              | 98.7         | 98.7      | 98.7                 | 96.7         | 98.7                 | 98.7           | 18.7         | ∍გ,        |
| ≥ 700<br>≥ 600       |      | 74.5         | 96.3 | 97.7         | 98.7 |               | 99.1         | 99.3         | 99.3         | 99.3      | . •                  | 99.3         | 99.3                 |                | 99.3         | 99.        |
| ≥ 500<br>≥ 400       |      | 94.7         | 96.4 |              | 99.8 | 98.8          | 99.2         |              | 99.4         | 99.4      | 90.4                 | 99.6         |                      | 99.€           |              | 09,        |
| ≥ 300<br>≥ 200       |      | 94.7         | 96.4 | 97.8         |      | 98.8          | 99.2         | 99.4         | 99.4         | 99.4      | 99.4                 | 99.6         | 99.6                 | 99.5           | 99.6         | 99.        |
| > '00                |      | 94.7         |      | 97.8         | 99.0 | 99.0          | 99.6         | 99.8         | 99.8         |           | 99.8                 | 99.9         | 99.9                 | 99.9           | -            | 99,        |
| 2 0                  |      | े4 • 8       | 96.6 | 97.9         | 99.1 | 99.1          | 99.7         | 99.9         | 99.9         | 99.9      | 99.9                 | 100.0        | 100.0                | 160 <u>.</u> 0 | 100.0        | 153.       |

TOTAL NUMBER OF OBSERVATIONS \_

CLARAL CLIMATOLOGY BRANCH RISAFETAC AL WEATHIR SERVICE/MAC

## CEILING VERSUS VISIBILITY

1721 LAUFS AT AT

71-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 9<u>00-117:</u> HOURS (L.S.T.)

| CE UNG              |    |       |      |        |         |                  | viS          | B . ** \$** | ATUTE MILI | E\$  |      |      |      |        |       |        |
|---------------------|----|-------|------|--------|---------|------------------|--------------|-------------|------------|------|------|------|------|--------|-------|--------|
| (FEET)              | 50 | ≥6    | ≥ 5  | ≥ 4    | ≥ 3     | ¥2%              | ≥;           | ≥ ″         | ≥ ' '4     | ≥ '  | ≥ 4  | ≥%   | ≥ ′  | ≥ 5/16 | 2 4   | ≥0     |
| NO CEUNO<br>≥ 20000 |    | 19.7  | 19.7 | 19.7   | 19.7    | 19.7             |              | 19.7        | 1°.7       | 19.7 | 19.7 | 19.7 | 19.7 | 19.7   | 19.7  | 15.7   |
| ≥ 18000             |    | 2001  | 30.1 | 30.2   | 3 1 . 2 |                  | 30.1<br>30.2 | 30.2        | 30.2       | 30.2 | 30.2 | 30.2 | 30.2 | 30.2   | 37.2  | 30.0   |
| ≥ 6000              |    | 300 N | 30.1 | 30.2   | 30.2    | 2 ماري<br>2 ماري | 30.2         | 30.2        | 30.2       | 30.2 | 30.2 | 30.2 | 30.2 | 30.2   | 30.2  | 30.2   |
| > '4600             |    | 77.3  | 37.3 | 30.4   | 30.4    | 30.4             |              | 30.4        | 30.4       | 30.4 | 30.4 | 3C 4 |      |        | 30.4  |        |
| ≥ 12000             |    | 30.7  | 33.7 | 30.8   | 30.8    |                  | 30.8         | 30.8        | 30.8       | 30.8 |      | 30.8 | 30.8 | 30.3   | 33.6  | Sue S  |
| ≥ '0000'            |    | 31.4  | 31.4 | 31.6   | 31.6    | 31.6             |              |             | 31.6       |      |      | 31.6 |      |        | 31.6  | 71.    |
| > 9000              |    | 32.0  | 32.0 |        | 32.1    | 32.1             | 32.1         | 32.1        | 32.1       | 32.1 | 32.1 | 32.1 | 37.1 | 22.1   | 32.1  | 32.1   |
| ≥ 8000              |    | 35.1  | 33.1 | 3a • 2 | 3 º . 2 |                  | 3R.2         |             | 38.2       | 3€.2 | 30.2 | 33.2 | 36.2 | 38.1   | 39.2  | 38.7   |
| ≥ 2000              |    | 39.3  | 33.3 | 38.4   | 33.4    | 38.4             |              |             | 38.4       |      | 1    | 38.4 | 38.4 |        | 38.4  | 36.4   |
| ≥ 6000              |    | 38.3  | 38.3 | 38.4   | 35.4    | 38.4             | 38.4         | 38.4        | 38.4       | 38.4 | 38.4 | 35.4 | 34.4 | 38.4   | 39.4  | 39.4   |
| ≥ 5000              |    | 38.3  | 38.3 | 38.4   | 39.4    | 3â.4             | 38.4         | 38.4        | 38.4       |      | 38.4 | 39.4 | 30.4 | 38.4   | 33.4  | 38.4   |
| ≥ 4500              |    | 39.2  | 39.2 | 39.3   | 39.3    | 39.3             | 39.3         | 39.3        | 30.3       | 39.3 | 39.3 | 39.3 | 30.3 | 39.3   | 39.3  | 39.3   |
| ≥ 400C              |    | 51.7  | 52.0 | 52.3   | 52.3    | 52.3             | 52.3         | 52.3        | 52.3       | 52.3 |      | 52.3 | 52.3 | 5.2.3  | 52.3  | 52.3   |
| ≥ 350C              |    | 77.1  | 77.4 | 78.0   | 78.1    | 78.1             | 78.2         | 78.2        | 74.2       | 78.2 | 79.2 | 78.2 | 78.2 | 78.2   | 79.7  | 78.2   |
| 2 3000              |    | 42.6  | 83.2 | 83.9   | 64.0    | 84.0             | 94.1         | 84.1        | 84.1       | 84.1 | 84.1 | 34.1 | 54.1 | 94.1   | 64.1  | 24.1   |
| ≥ 2500              |    | °3.0  | 83.7 | 84.3   | 84.4    | 84.4             | 84.6         | 84.6        | 84.6       | 84.6 | 84.6 | 84.6 | £4.6 | 64.6   | 34.6  | ×4 . € |
| 2000                |    | 93.6  | 84.4 | 85.1   | 85.2    | 25.2             | 85.3         | 25.3        | 35.3       | 85.4 | 65.4 | 85.4 | 85.4 | 85.4   | 35.4  | 35.4   |
| ≥ '800              |    | 4.9   | 85.8 | 86.4   | 86.6    | 86.6             | 86.7         | 96.7        | 86.7       | 86.8 | 86.P | 86.3 | 86.8 | 86.8   | 86.3  | F6.5   |
| ≥ 1500              |    | 99.6  | 91.  | 91.8   | 92.1    | 92.3             | 92.4         | 92.4        | 92.4       | 92.6 | 92.6 | 92.6 | 92.5 | 92.€   | 92.6  | 92.6   |
| ≥ 1200              |    | 72.0  | 93.4 | 94.3   | 94.9    | 94.9             | 95.7         | 95.0        | 95.0       | 95.2 | 95.2 | 95.2 | 95.3 | 75.3   | 95.3  |        |
| ≥ .000              |    | 92.3  | 94.1 | 95.0   | 95.7    | 95.7             |              | 96.2        | 96.2       |      | 96.4 | 96.4 |      |        |       |        |
| <u>≥</u> 90€        |    | 23.2  | 95.0 | 96•Q   | 97.0    | 97.0             | 97.3         | 97.6        | 97.6       |      |      | 97.8 |      | 97.9   | _     | _      |
| 2 800               |    | 73.1  | 95.2 | 76.3   | 97.7    | 97.7             | 98.0         | 98.2        | 98.2       | 98.4 |      | 98.4 |      |        |       |        |
| ≥ 700<br>> 100      |    | 23.3  | 95.2 | 76.3   | 97.7    | 27.7             | 98•C         | 98.2        | 98.2       | 98.4 | - 1  | 98.4 |      |        |       |        |
| ≥ 600               |    | 93.4  | 95.6 |        | 25.2    |                  |              |             |            |      | 99.0 | 99.0 | 99.1 | 99.1   | 99.1  | 59.1   |
| ≥ 500<br>> 400      |    | 03.4  | 95.7 | 96.8   |         | 98.4             |              | 99.2        | 99.2       | 99.4 |      | 99.4 |      |        | 79.5  |        |
|                     |    | 3.6   |      |        |         |                  |              |             | 99.4       |      | 99.7 | 99.7 | 99.9 |        |       |        |
| ≥ 300<br>≥ 200      |    | 93.6  | 95.8 | 96.9   | 98.6    |                  | 99.2         | 99.4        | 99.4       | 99.7 | 99.7 | 99.7 | -    |        |       |        |
|                     |    | 73.6  |      |        | 98.6    |                  |              |             | 99.4       |      | 99.7 | 99.7 |      |        |       |        |
| > 100               |    | 23.6  | _ 4  | 96.9   |         | 7                |              |             | 99.4       | 99.7 | 99.7 | 99.8 |      | 100.0  |       |        |
| ≥ 0                 |    | 73.6  | 95.8 | 76.9   | 98.4    | 98.6             | 99.2         | 99.4        | 99.4       | 99.7 | 99.7 | 99.8 | 99.9 | 1000   | 130.0 | 760°3  |

TOTAL NUMBER OF OBSERVATIONS \_

AL CLIMATOLOGY HRANCH INTERITAC AT SERVICEZMAC

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 - 14".

| CELNO                 |     |              | •            |                  | -            |              | . 5          | 8.1.57       | 17.7E M-1    | Ęś           |              |              |              |                |                       |                 |
|-----------------------|-----|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|-----------------------|-----------------|
| (FEE')                | ≥.0 | ≥6           | ≥5           | ≥ 4              | 2)           | 211          | 2.           | ۔<br>ا       | 14           | ≥.           | <u> </u>     | ≥ %          | 2 4          | ≥ 5/16         | 2 4                   | ≥.              |
| NO CEILING<br>≥ 20000 |     | 21.5<br>31.5 | 21.5<br>31.6 |                  |              |              |              |              | 21.5<br>31.5 | 21.5<br>21.6 | 21.°<br>31.° | 21.5<br>31.6 |              | 21.5<br>31.6   | 21.5<br>31.5          | 71.<br>71.5     |
| ≥ 18000<br>≥ 16000    |     | 31.6<br>31.6 | ,            | 31.6<br>31.6     | 1            | 31.6         |              |              | 31.6         |              | 31.4<br>31.4 | 31.6<br>31.6 |              |                | 31.6<br>21.6          | 71.4            |
| ≥ 14000<br>≥ 12000    |     | 31.7<br>31.8 | 31.7<br>31.8 | 31.7<br>31.8     | 31.7<br>31.8 | 31.7<br>31.8 | 31.7<br>31.8 |              | 31.7         | 1            | 31.°<br>31.° | 31.7<br>71.5 | 31.7<br>31.8 | 7              | 31.7                  |                 |
| ≥ 9000°<br>≥ 9000°    |     | 33.9         | 1            | 33.6<br>34.0     |              | 33.6<br>34.0 |              | 33.6<br>34.0 | 33.6<br>34.0 |              | 33.6<br>34.0 | 33.6         | -            | 33.0           | 33.6<br>34.6          | 77.0            |
| ≥ 8000<br>≥ 7000      |     | 37.4<br>40.2 |              | 47.0<br>45.04    | 40.0<br>40.4 |              | 40.0<br>40.4 | 40.4         |              | 40.4         | 40.4         | 40.5         | 4 - 4        | 40.4           |                       |                 |
| 2 6000<br>2 5000      |     | 40.2<br>40.2 | 40•7<br>40•7 | 40.4<br>40.4     | 40.4<br>43.4 | 1            |              |              | 40.4         | 40.4         | 40.4<br>40.4 | 45.4         | 4 . 4        |                | 4 64                  | 2               |
| ≥ 450C<br>± 400C      |     | 41.4<br>-5.6 | 55.8         | 56.1             | 41.6<br>55.3 | 56.3         | 56.3         | 56.3         | 41.6<br>56.3 | 56.3         | 41.6<br>56.3 | 41.5<br>56.3 | 56.3         | 56.3           | 41.6                  |                 |
| ≥ 3500<br>≥ 3000      |     | 70.1<br>93.5 |              | 78.9<br>34.5     |              | 79.4<br>85.3 | 79.4<br>85.3 |              | -            | 79.4<br>95.4 | 74.4<br>85.4 | 79.4         | 65.4         | 65.4           | 79.4<br>:5.4          | 70 . 4<br>2 . 4 |
| 2 2500<br>2 2000      |     | 13.6         |              | 84 • 8<br>85 • 9 | 86.9         | 86.9         | 86.9         | 36.9         | 87.          | 65.8<br>67.0 | 55.8<br>57.3 | 85.3<br>87.3 | 67.0         |                | 55.5<br>5 <b>7.</b> 0 | <u>"7•</u>      |
| ≥ 1800<br>≥ 1500      |     | 65.3<br>69.0 |              | 86.8<br>91.4     |              | 92.5         | 92.7         | 02.7         | 92.4         | 92.3         | 87.9<br>92.8 | 92.6         | 92.8         |                | 47.3                  | 9200            |
| ≥ 1206                |     | 91.3<br>92.7 | 93.0<br>94.3 | 94.0<br>95.7     | 96.9         | 97.0         | 97.4         | 97.4         | 97.6         |              |              |              | -            | 97.7           | Ī                     | 96.5<br>97.7    |
| ≥ 900<br>≥ 800        |     | 93.1         | 94.4<br>95.  | 96.1<br>96.3     | 97.7         | 97.8         | 98.2         | 98.2         | 98.3         | 95.6         | 98.3<br>98.6 | 98.€         | 98.7         | 98.7           | 98.7                  |                 |
| ≥ 700<br>≥ 600        |     | 93.4         | 95.3<br>95.7 |                  | 98.1         | 98.6         | 99.5         | 99.0         | 99.1         | 99.3         | 98.7         |              | 99.4         |                | 99.1<br>99.4          | 69.4            |
| ≥ 500<br>≥ 400        |     | 03.4         | 95.7         |                  | 98.4         | າສ 🍎         | 99.1         | 99.1         | 99.7         | 99.4         |              | 99.4         | 99.6         | 99.6           | 99.K                  |                 |
| ≥ 300<br>≥ 200        |     | 93.4         | 95.7         | 97.0<br>97.0     | 98.6         | 98.7         | 99.2         |              | 99.2         | 99.8         | 99.0         |              | 99.9         |                |                       |                 |
| ≥ 100<br>≥ 0          |     | 93.4         | 1            | 97.0<br>97.0     |              | 98•8<br>98•8 |              | l . I        | -            | 99.9         |              |              |              | 100.0<br>170.0 |                       |                 |

TOTAL NUMBER OF OBSERVATIONS

OL PAC CLIMATOLOGY BRANCH LOSFETAC AC WEATHON SERVICEZMAC

## CEILING VERSUS VISIBILITY

1 2 1 LAUES

71-60

NUV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.7-1771 HOURS (L.S.T.)

| £. №.)              |      |              | _     |              |              | _     | •-5          | B . ** 5*    | ATUTE MILI   | E5           |      |              |               |        |                |                  |
|---------------------|------|--------------|-------|--------------|--------------|-------|--------------|--------------|--------------|--------------|------|--------------|---------------|--------|----------------|------------------|
| (+561)              | ≥ '≎ | ≥6           | ≥ 5   | ≥ 4          | ≥ 3          | ≥2%   | ≥;           | ≥ ″          | ≥1%          | ≥ '          | ≥ ¼  | ≥%           | ≥ ٧.          | ≥ 5/16 | 2.4            | ≥č               |
| NO CEUNO<br>≥ 20000 |      | 2 :: • 3     | 27.1  | 1 - 7        | 20.3         | 20.3  | 20.3         | 20.3         | 20.3         |              | 20.7 | 20.3         |               |        |                |                  |
|                     |      | 300          | 30.7  |              | 3C.7         | 70.7  | 3C-7         |              | 3C • 7       |              |      | 30.7         |               |        | 37.7           | 30 g 7           |
| ≥ 18000<br>≥ 5100   |      | 3)•7<br>3∪•7 | 30.7  | 30.7<br>30.7 | 30.7<br>30.7 | l     | 30.7<br>30.7 | 30.7<br>30.7 | 30.7<br>30.7 | 30.7<br>30.7 |      | 30.7<br>30.7 |               |        | 33.7           | 30 • 7<br>30 • 7 |
| ≥ `4600             |      | 33.7         | 37.7  | 30.7         | 30.7         | 30.7  | 30.7         | 30.7         | 30.7         | 36.7         | 30.7 | 30.7         | 30.7          | 30.7   | 77.7           | 70.7             |
| ≥ 12100             |      | 31.0         |       | 31.0         | 31.0         |       | 31.0         | 31.3         | 31.0         | 31.0         | 31.3 | 31.0         | 31.0          | 71.7   | 31.0           | 31.0             |
| 2 10000             |      | 72.3         | 37.3  | 32.8         | 32.8         | 32.8  | 32.8         | 32.8         | 32 · P       | 32.6         | 32.4 | 32.3         | 30.3          | 72.0   | 12.3           | 32.3             |
| ≥ 9000              |      | 73.1         | 33.1  | 33.1         | 33.1         | 33.1  | 33.1         | 33.1         | 33.1         | 23.1         | 33.1 | 33.1         | 33.1          | 33.1   | 33.1           | 73.1             |
| 9000 ج              |      | 31.2         | 37.5  | 39.7         | 39.7         | 39.7  | 39.7         | 39.7         | 39.7         | 39.7         | 39.7 | 39.7         | 39.7          | 39.7   | 39.7           | 79.7             |
| 2 '90X              |      | 37.7         | 43.0  | 40.1         | 40.1         | 43.1  | 40.1         | 40.1         | 40.1         | 46.1         | 40.1 | 40.1         | 41            | 45.1   | 40.1           | 40.1             |
| > 60nc              |      | 77.7         | ម្ប⊛ព | 40.1         | 40.1         | 43.1  | 40.1         | 40.1         | 40.1         | 40.1         | 40.1 | 40.1         | 40.1          | 43.1   | 40.1           |                  |
| ±_±5000             | ļ    | 37.7         | 40.0  | 40.1         | 4.7 • 1      |       | 40.1         | 40.1         | 40.1         | 40.1         | 40,1 | 45.1         | 40.1          | 40.1   | <b>4 • 1</b>   | 40.1             |
| > 450C              |      | 4 : . /      | 41.1  | 41.2         | 41.2         | 41.2  | 41.2         | 41.2         | 41.2         | 41.2         | 41.2 | 41.2         | 41.2          | 41.2   | 41.2           | 41.7             |
| : 400t ]            |      | 55.2         | 56.6  | 56.9         | 56.9         | 56.9  | 56.9         | 56.9         | 56.9         | 56.9         | 56.0 | 56.9         | 56.9          | 56.9   | 50.9           | 56.0             |
| ± 3500              |      | 73.9         | 79.5  | 79.9         | 8 . 2        | 80.2  | 89.2         | PO.2         | 50.7         | 8U.2         | 80.2 | 90.2         | ສ <b>ິ</b> •2 | 50.2   | 30.0           | P G • 2          |
| 2 3000              |      | 3.5          | 84.1  | 84.5         | 84.8         | 84.8  | 84.8         | 84.8         | 34.8         | 84.8         | 84.5 | 84.8         | 84.8          | 3.00   | ų <b>4</b> • ٩ | . ૄ 4 • ઇ        |
| ÷ 2500              |      | 3.6          | 84.2  | 84.6         | 84.9         | 84.9  | 84.9         | 84.9         | 84.9         | 84.9         | 54.7 | 84.9         | 54.9          | c4.9   | -4.9           | 4.0              |
| .* 2000             |      | .5.4         | 86.5  | 37.1         | 87.6         | 87.6  | 87.6         | 87.6         | 87.6         | 87.6         | 87.5 | 67.6         | 67.6          | £7.5   | c7.6           | 57.6             |
| ≥ 800               |      | 26.1         | 87.2  | 87.7         | 88.1         | 88.3  | 88.3         | 98.3         | 88.3         | A6.3         | 88.3 | 88.3         | 80.3          | å6.3   | 50.₹           | -8.5             |
| ± 1500              |      | 99.1         | 93.6  | 71.4         | 92.5         | \$2.5 | 92.8         | 92.8         | 92.8         | 92.3         | 92.8 | 92.8         | 92.8          | 92.3   | 92.8           | 92.8             |
| ≥ 1200              |      | 4.0℃         | 92.8  | 93.6         | 95.3         | ≎5.3  | 95.7         | 95.8         | 95.A         | 96.0         | 96.1 | 96.3         | 96.0          | 96.3   | 95.7           | 70.              |
| ≥ .000              |      | 01.2         | 93.2  | 04.1         | 94.2         | 96.2  | 96.8         | 97.Q         | 97.0         | 97.4         | 97.4 | 97.4         | 97.4          | 97.4   | 97.4           | 97.4             |
| - 90¢               |      | 71.4         | 93.4  | 94.3         | 96.5         | 96.5  | 97.1         | 97.3         | 97.3         | 97.8         | 97.6 | 97.8         | 97.8          | 97.8   | 97.9           | 97.8             |
| ≥ 800-              |      | 91.6         | 93.6  | 34.5         | 96.9         | 96.9  | 97.4         | 97.7         | 97.7         | 99.1         | 98.1 | 98.1         | 98.1          | 96.1   | 98.1           | 98.1             |
| ≥ 700               |      | 92.2         | 94.2  | 95.1         | 97.4         | 97.4  | 98.0         | 98.2         | 98.2         | 98.7         | 98.7 | 98.7         | 98.7          | 98.7   | 78.7           | 98.7             |
| ≥ 600               |      | 92.3         | 94.3  | 95.2         | 97.7         | 97.7  | 98.2         | 98.4         | 98.4         | 98.9         | 98.9 | 98.9         | 98.9          | 98.9   | 98.9           | 98.3             |
| ≥ 500               |      | 92.3         | 94.3  | 95.2         | 98.0         | 98.0  | 98.6         | 78.9         | 98.9         | 99.3         | 99.3 | 99.3         | 99.3          | 29.3   | 99.3           | 69.3             |
| ≥ 40C               |      | 92.3         | 94.3  | 95.2         | 98.0         | 96.0  | 98.7         | 99.0         | 99.0         | 99.4         | 99.4 | 99.4         | 99.4          | 99.4   | 99.4           | 99.4             |
| ≥ 300               |      | 92.3         | 94.3  | 95.2         | 98.2         | 98.2  | 99.0         | 99.3         | 99.3         | 99.3         | 99.8 | 99.8         | 90.B          | 99.8   | 99.8           | 99.4             |
| ≥ 200               |      | 92.3         | 94.3  | 95.2         | 98.3         | 98.3  | 99.1         | 99.4         | 99.4         | 99.9         | 99.9 | 99.9         | 99.9          | 100.5  | 130.3          | 100•C            |
| > 100               |      | 92.3         | 94.3  | 95.2         | 98.3         | 78.3  | 99.1         | 99.4         | 99.4         | 99.9         | 99.9 | 99.9         | 99.9          | 100.0  | 100.0          | 100.             |
| ≥ 0                 |      | 72.3         | 94.3  | 95.2         | 98.3         | 94.3  | 99.1         | 99.4         | 99.4         | 99.9         | 99.0 | 00.9         | 99.9          | 170.0  | 130.0          | 100.0            |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ & 7

LI PETAC AT HEATHER SERVICEZMAC

## CEILING VERSUS VISIBILITY

1 2 1 LA SES AF AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| €1 <b>%</b> 5       |      |         |       |      |      |      | <b>V1S</b> | ·8 . * ST/ | ATUTE MIL | ES.  |      |      |               |        |              |               |
|---------------------|------|---------|-------|------|------|------|------------|------------|-----------|------|------|------|---------------|--------|--------------|---------------|
| (FEE')              | ≥ 10 | ≥6      | ≥ 5   | ≥ 4  | ≥ 3  | ≥2%  | ≥ 2        | ≥ -%       | 21%       | ≥,   | 2.4  | ≥ %  | 2"            | ≥ 5/16 | <u> </u>     | ک             |
| NO CEUNG<br>≥ 20000 |      | 32.4    | 22.4  |      |      |      |            |            | -         | 22.4 | 27.4 | 22.4 |               | _      | 22.4         |               |
|                     |      | 2 7 . 5 | 29.5  |      |      |      | 29.5       |            | 29.5      |      | 20.5 | 25.5 |               |        | 4 5          |               |
| ≥ 18000<br>≥ 16000  |      | 27.5    |       |      |      |      |            |            | 29.5      |      |      |      |               |        | 70.0         | <b>₹</b> ₹•** |
|                     |      | 29.5    | 29.5  |      |      |      |            |            |           |      | 50.5 | 29.5 |               |        | -            | ``Q.          |
| ≥ 14000             |      | 79.5    | 29.5  |      |      |      |            |            |           |      | -    | -    |               |        | . 7.5        |               |
| ≥ 2000              |      | 29.9    | 23.5  |      |      |      |            |            |           |      | 29.5 |      |               |        | - J - E      | 27.0          |
| ≥ 10000             |      | 70.5    | 30.5  | 30.5 | 3    | 30.5 | 30.5       | 30.5       | 30.5      | 30.5 |      | 37.5 | 35            |        | 33.5         |               |
| ≥ 9000              |      | 30.8    | 30.0  | 30.8 | 30.8 | 30.3 | 37.8       | 30.8       | 30.5      | 30.8 | 30.8 | 30.6 |               |        | 1.0          | 100           |
| ≥ 8000              |      | 35.5    | 36.4  | 36.9 | 37.0 | 37.0 | 37.0       | 37.0       | 37.0      | 37.5 | 37.0 | *7.0 | 2             | 77.    | · 7 • ^]     | 7.            |
| ≥ 7000              |      | 36.6    | 37.3  | 37.3 | 37.5 | 37.5 | 37.5       | 37.5       | 37.5      | 37.5 | 37.5 | 37.5 | 37.5          | 37.5   | 7,5          | 27.           |
| ≥ 6000              |      | 36.8    | 37.3  | 37.3 | 37.5 | 37.5 | 37.5       | 37.5       | 37.5      | 37.5 | 37.5 | 37.5 | 37.5          | 37.5   | 17.5         | 37.5          |
| ≥ 5000              |      | 36.3    | 37.3  | 27.3 | 37.5 | 37.5 | 37.5       | 37.5       | 37.5      | 37.5 | 37.5 | 37.5 | 37.5          | 27.5   | 37.5         | 37.5          |
| ≥ 450C              |      | 37.3    | 37.7  | 37.7 | 37.9 | 37.9 | 37.9       | 37.9       | 37.9      | 37.9 | 37.9 | 37.9 | 37.9          | 37     | 37.0         | 77.5          |
| £ 4000              |      | 50.4    | 51.4  | 51.5 | 51.8 |      |            |            | 51.8      |      |      |      | 51.8          | 51.0   | 51.3         | 11.2          |
| ≥ 3500              |      | 76.7    | 77.4  |      | 78.2 |      |            |            |           | 78.2 |      | 73.2 |               |        | 77.7         |               |
| ≥ 3000              |      | F4 - 1  | 84.9  |      |      |      |            |            |           | 85.9 |      |      |               |        | 55.9         | 55.7          |
| <u> -</u> 2500      |      | 94.4    | 85.2  |      |      |      |            |            |           | 96.2 |      |      | 66.2          |        |              |               |
| 2000                |      | 45      | 86.2  |      |      |      |            |            |           | 87.3 |      |      | έ7 <b>.</b> 3 |        |              | ~ 7           |
| ≥ '800              |      | 86.2    | 87.il | 37.3 |      |      |            |            |           |      |      |      |               | 96.1   |              | 8 . 1         |
| ≥ 1500              |      | 83.7    | 90.7  |      |      |      |            |            |           | 92.7 |      |      |               | 92.7   |              |               |
| ≥ 1200              |      | 91.2    | 93.3  |      |      |      |            |            |           | 96.4 |      |      |               |        | ₹6.4         | ာင် 4         |
| ≥ ,000              |      | 91.8    | 93.7  |      | 97.1 |      |            | 1          |           | 97.6 |      |      | -             | -      |              |               |
| ≥ 900               |      | 72.1    | 94.0  |      | 97.4 |      | 97.8       |            |           |      |      |      |               |        | 97.0         |               |
| ≥ 800               |      | 92.4    | - 1   |      |      | - 1  | -          | 1          |           |      |      |      |               |        |              |               |
|                     |      |         |       |      | 98.1 |      |            |            |           | 98.6 |      |      |               |        | 98.5<br>94.0 |               |
| ≥ 700<br>≥ 600      |      | 72.7    | 94.5  |      |      |      |            |            |           |      |      |      |               |        |              |               |
|                     |      | °3.0    |       |      |      |      |            |            |           | 99.4 |      |      |               |        |              |               |
| ≥ 500<br>≥ 400      |      | 93.d    |       |      | 98.9 |      |            |            | 99.4      |      |      |      | -             | 99.4   |              |               |
|                     |      |         | 95.0  |      |      | 98.9 |            | -          |           | 99.4 |      |      |               | 99.4   |              |               |
| ≥ 300               |      | 93.0    |       |      |      | 98.9 |            |            | 99.4      |      |      |      |               |        |              |               |
| ≥ 200               |      |         | 95.0  |      |      |      |            |            |           |      |      |      |               |        | 29.7         |               |
| > 100               |      | 93.0    | - 1   | 96.3 |      |      | 99.3       |            |           |      |      |      |               |        | 99.0         |               |
| 2 V                 |      | 93.0    | 95.7  | 96.3 | 98.9 | 93.9 | 99.3       | 99.4       | 99.4      | 99.8 | 99.8 | 99.8 | 99.9          | \$9.7  | 33.0         | 1 1 U • C     |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

CE MAL CLIMATOLOGY RPARCH LIAFETAC A WEATHTH SERVICE/MAC

1 1 1 LAUFS AN AZ

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 21...?-<u>23..</u> HOURS (L.S.T.)

|                     |     |              |               |                  | •            |                 |              | . 0000       | • 🗥       | ,            |                  |                   |              |                |                        |                       |
|---------------------|-----|--------------|---------------|------------------|--------------|-----------------|--------------|--------------|-----------|--------------|------------------|-------------------|--------------|----------------|------------------------|-----------------------|
| *F % +              |     |              |               |                  |              |                 | . 5          | B . * . 5*   | ATUTE MIL | E5           |                  |                   |              |                |                        |                       |
| 145574              | ≥ : | ≥ 6          | ≥5            | ≥4               | ≥ 3          | ≥:/             | ≥:           | ≥ ″          | ≥ . %     | ≥,           | ≥ 4              | ≥ %               | <u>≥</u> ∉   | ≥51'a          | 2 4                    | ≥i                    |
| 1. EUN .<br>≥ 21000 |     | 7 : 5        | 1             | 78.5<br>32.2     | 23.5         |                 | -            | 1            | 28.5      |              | 21.5<br>32.2     | 25.5              |              |                | 20.5                   | 3 H •<br>3 <b>2</b> • |
| ≥ 18000<br>≥ 6000   |     | 12.2         | 32.2          | 32.2             | 32.2         | 32.2            | 32.2         | 32.2         | 32.2      | 32.2         | 32.0             | 32.0              | 30.0         | 72.0           | 32.0                   | 32.                   |
| ≥ '4GGC             |     | 2.2          |               | 32.2<br>32.2     |              |                 |              |              | 32.2      | 32.2         | 32.0<br>32.0     | 32.2              |              | 32.7           | 32.2                   | 7.0                   |
| ≥ 10000             |     | 32.2         |               |                  | 32.2<br>33.6 | 32.2            |              | 32.2<br>33.6 |           | 32.2<br>33.6 | 32.7<br>33.6     | 32.2<br>33.6      |              |                | 32.7                   | 73.                   |
| ≥ 900C<br>> 800C    |     | 73.0         | 33.5          | 73.6             |              | 33.6            | 33.6         | 33.6         | 33.6      | 33.6<br>38.1 | 33.6             | 33.6              |              |                | 33.5                   |                       |
| ≥ 2000              |     | 30.4         | 30.0          | 38 • â           | 33.9         | 38.9            | 30.9         | 38.9         | 38.9      | 36.9         | 38.9             | 3: • 9            | 36.9         | 36.9           | 33.9                   | 10.                   |
| ≥ 6000<br>≥ 5000    |     | 38•4<br>38•4 | 39.9<br>38.4  | 38 • 8<br>38 • 8 |              |                 | 39.9<br>39.9 | 36.9<br>36.9 |           |              | 32.9<br>38.9     | 36 • ዓ<br>3 • • ዓ | 35.9         | 7              | 31.9<br>35.9           | }ડ•                   |
| ≥ 4500<br>± 4000    |     | 33.5<br>30.2 | 39.7<br>50.7  | 38.9<br>50.7     |              | 39∙0<br>50∙8    | 1            | 39.0<br>50.8 |           | 39.7<br>56.8 | - 1              | 39.8<br>50.8      | ე⊹აე<br>5ე•მ | . 19.√<br>50.a | 39.3<br>- <u>-</u> 2.5 | •<br>•<br>•           |
| 2 3500<br>2 3000    |     | 77.1         |               | 77.8<br>85.9     | 74.2         | 78.2            |              | 78.2<br>86.4 |           |              | 75 . 7<br>86 . 5 | 73.3              | 75.3<br>86.5 |                | 74.3<br>86.5           | 75.                   |
| 2500<br>2000        |     | 25.7         | 86.6          | 26.7             | 87.3         | 87.3            | 97.3         | 67.3         | 87.3      | 87.4         | 67.4             | 27.4              | 67.4         | 37.4           | 7.4                    | - 7.                  |
| ≥ 800<br>≥ 1500     | -   | ∘6.9<br>∘7.9 | 88.5          | 39.0             |              | 89.5            | 89.5         | 89.8         |           | 96.0         | 90.1             | 20.3              |              |                | _                      | 7 u e                 |
| ≥ 1200              |     | 01.d         |               |                  | 96.2         |                 |              |              |           | 94.6         |                  | 97.1              | 94.8         |                | 97."                   | 97.                   |
| 2 000               |     | 73.7<br>73.9 | 95.1<br>95.2  | 95.5             | 96.7         | <del>○6.5</del> |              |              |           |              | 97.6             | 97.6              |              |                |                        | 97.                   |
| ≥ 800<br>≥ 700      |     | 74.2<br>74.5 | 95.8          | 1                | 57.4         | 97.4            | 97.9         | 98.2         | 98.2      | 90.4         | 98.4             | -                 | 98.4         | 98.4           |                        | _                     |
| ≥ 800               |     | 94.8         | 96.3          | 97.              | 98.1         | 98.1            | 98.6         | 98.9         | 98.9      | 99.1         | 99.1             | 99.1              | 99.1         | 99.1           | 29.1                   | 29.                   |
| ≥ 500<br>≥ 400      |     | 94.9         | 96.4          |                  | 99.1         | 98.3            | 98.9         | 99.3         | 79.3      | 99.6         | 99.6             |                   | 99.5         | 99.6           | 79.6                   | 29.                   |
| 2 300<br>2 200      |     | 94.9         |               |                  | 98.3         | 98.3<br>98.3    | 98.9<br>98.9 |              | 99.3      | 99.6         | 99.5             |                   | 99.5         |                |                        |                       |
|                     |     |              | $\overline{}$ |                  |              |                 |              |              |           |              |                  |                   |              | 6.5            |                        |                       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

99.4 99.7 99.7 99.8 99.9 99.9 99.9 99.4 99.7 99.8 99.9 99.9133.0

COLUMN TOLON - PANCH W. TAC HT WONTH W SERVICEMAN

## CEILING VERSUS VISIBILITY

1 L 1 LAUFS AF AD

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURSILATI

| (F. NO             |     |      | -     |      |      |      | • \$ | B. ** 5* | AT_TE MILI | E S  |      |      |       |       |                    |                 |
|--------------------|-----|------|-------|------|------|------|------|----------|------------|------|------|------|-------|-------|--------------------|-----------------|
| (#EET)             | ≥ : | ≥ 6  | ≥ 5   | ≥ 4  | ≥ 3  | ≥27  | ≥ ;  | ≥ %      | ≥1%        | ≥,   | ≥ 4  | ≥%   | ≥ 7   | ≥5/16 | <u> </u>           | ≥::             |
| NO CEUNO           |     | 24.2 | 24.2  | 24.2 | 24.2 | 24.2 | 24.2 | 24.2     | 24.2       | 24.2 | 24.0 | 24.2 | 24.2  | 24.2  | 24.2               | `••.            |
| 2 20000            |     | 300  | 30.9  | 30.9 | 36.9 | 75.3 | 30.9 | 73.9     | لامتك      | 3: 9 |      | 32.9 | 35.9  |       | 35.03              | 7-10-3          |
| ≥ 18000<br>≥ 5000  |     | 30.9 | 30.9  | 30.9 |      |      |      |          |            | · i  |      | ₹2.9 |       |       | 3.00               | •               |
|                    |     | 70.9 | 30.3  | 30.9 |      | 30.9 |      |          |            | 34.5 |      |      | 2.0   |       | 17.3               |                 |
| ≥ 1400C<br>≥ 1200C |     | ₹0.4 | [30∙∀ | 33.9 |      |      |      |          |            |      |      | 3.03 | 3 6 3 | 30.   | 3.7 3              |                 |
| L                  |     | 31.1 | 31.1  | 21.1 | 31.1 | 31.1 | 31.1 |          | 31.1       | 31.1 |      | 31.1 | 31.1  | 71.1  | لمعقب              |                 |
| ≥ 10000<br>≥ 9000  |     | 32.1 |       | 32.1 |      | - 1  | 32.1 |          | 32.1       | 72.1 |      |      | 22.1  | 72.1  | 77.1               | 13.1            |
| <b></b>            |     | 72.3 | 32.3  |      |      |      |      | 32.3     |            |      | _    | 32.3 |       | 1401  |                    | د و ع           |
| ≥ 8000<br>≥ 7000   |     | 36.9 | T     | 37.1 |      |      |      |          | 37.2       | - 1  |      |      | 1     |       | 37.7               | 77.             |
| <u> </u>           |     | 37.2 |       |      |      | 37.6 |      |          |            |      |      |      |       | 37.0  |                    |                 |
| ≥ 6000<br>≥ 5000   |     | 77.2 |       |      |      | 37.6 | 1    | · •      |            | i    |      |      |       | 37.5  |                    | 77•             |
| <b></b>            |     | 37.3 |       |      |      | 37.6 |      |          |            |      |      |      |       |       |                    |                 |
| ≥ 450C<br>≥ 400C   |     |      | 33.2  |      |      |      |      |          |            |      |      |      |       |       |                    | ₹:.•4           |
|                    |     |      | 50.8  |      |      |      |      |          |            |      |      |      |       |       |                    |                 |
| ≥ 3500<br>≥ 3000   |     |      | 78.1  |      | -    |      |      |          |            |      |      |      |       |       |                    | 78.5            |
| ļ                  |     |      | 85.7  |      |      |      |      |          |            |      |      |      |       |       |                    |                 |
| ≥ 2500<br>≥ 2000   |     | F5•3 |       |      |      | 87.d |      |          | -          |      |      |      |       | -7.3  | 57.°               | · 7 •           |
| <b>.</b>           |     |      | 87.2  |      |      |      |      |          |            |      |      |      |       |       | 25 G at            |                 |
| ≥ 800<br>≥ 1500    |     | ?7•1 |       |      |      | 89.0 |      | _        |            | -    |      |      | 8¢.1  |       | o <sup>9</sup> • 1 |                 |
|                    |     |      | 91.9  |      |      |      |      |          |            |      |      |      |       |       |                    |                 |
| ≥ 1200             |     | 92.4 |       |      |      | 96.2 |      |          |            |      |      |      |       |       |                    | ેદ • ઇ          |
|                    |     |      | 94.4  |      |      |      |      |          |            |      |      |      |       |       |                    |                 |
| 2 90€<br>≥ 80€     |     | 93.2 |       |      |      | 97.5 | - 1  |          |            |      | 98.1 |      | 98.2  |       |                    | ີ <b>ະ</b> • ເົ |
| <b>├</b>           |     |      | 95.2  |      |      |      |      |          |            |      |      |      |       |       |                    |                 |
| ≥ 700<br>≥ 600     |     | 93.7 |       |      |      |      |      | 1        |            | 98.9 |      |      |       |       |                    |                 |
| <b></b>            |     | 93.9 |       |      |      | 98.6 |      |          |            |      |      |      |       |       |                    |                 |
| ≥ 500<br>≥ 400     |     | 93.9 |       |      |      |      |      |          |            | 99.5 | _    |      | 99.5  |       |                    |                 |
|                    |     | 93.9 | -     |      |      | 98.7 |      |          |            |      |      |      |       |       |                    |                 |
| ≥ 300<br>≥ 200     |     | 93.9 |       | - 1  | -    | 98.8 |      |          |            | 99.6 |      |      | 99.7  |       |                    |                 |
|                    |     | 93.9 |       |      |      | 98.8 |      |          |            |      |      |      |       |       |                    |                 |
| > 100              |     | 93.9 |       |      | _    | 93.9 | - 1  |          |            |      |      |      |       |       | 30.3               |                 |
| 2 0                |     | 73.9 | 95.4  | 96.9 | 99.8 | 98.9 | 99.4 | 99.6     | 99.6       | 99.8 | 99.5 | 99.9 | 99.9  | 170.  | 100.0              | 1 ° J •         |

LL VAL CEIMATOLOGY TRANCH LTATETAC AT VETATHER SERVICEVAC

### CEILING VERSUS VISIBILITY

LA JES AS AZ

### 71-05 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| 181NG            |     |              |      |             |      |      | • 5  | . B . ' · 5' | A*_*E M      | E S   |                |       |       |       |          |             |
|------------------|-----|--------------|------|-------------|------|------|------|--------------|--------------|-------|----------------|-------|-------|-------|----------|-------------|
| /FEE's           | ≥ 0 | ≥6           | ≥ 5  | ≥ 4         | ≥ 3  | 2:/  | ≥ ;  | ≥ ″          | 2'%          | ≥,    | ≥ 4            | ≥ %   | ≥ ⁄   | ≥5/16 | <u> </u> | 2,          |
| NO TELLING       |     | 1o           | 37.1 | 70•1        | 35.1 | 70.1 | 37.1 | 30.1         | 30.1         | 30.1  | 30.1           | 30.1  | 3 .1  | 70.1  | 3 . 1    | 70.1        |
| ≥ 20000          |     | ?2.9         |      | 33.1        |      |      | 33.1 |              |              | 23.1  | 33.1           | 1     | 33.1  | 33.1  | 33.1     | :3.1        |
| ≥ 18000          |     | 72.0         | 33.1 | 33.1        | 37.1 |      | 33.1 | 33.1         | 33.1         | 33.1  | 33.1           | 33.1  | 33.1  | 73.1  | 33.1     | *3.1        |
| ≥ 5700           |     | 32.3         | 37.1 | 33.1        | 33.1 | 33.1 | 33.1 |              | 33.1         | 33.1  | 37.1           | 33.1  | 27.1  | 33.1  | 33.1     | 23.1        |
| ≥ 4500           |     | 72.1         | 33.1 | 33.1        | 33.1 | 33.1 | 33.1 |              |              | 33.1  | 33.1           | 77.1  | 33.1  | 33.1  | 33.1     | 33.1        |
| ≥ 1200€          |     | 13.0         | 33.2 | 33.2        | 33.2 | 33.2 | 33.2 | 33.2         | 33.2         | 33.2  | 33.7           | 33.2  | 33.2  | 33.3  | 33.2     | 73.         |
| ≥ 19690          |     | 33.4         | 33.7 | 73.8        | 33.8 | 33.8 | 33.8 | 33.8         | 33.8         | 33.5  | 33.0 €         | 33.4  | 33.8  | 33.5  | 33•€     | 3.0         |
| ≥ 9000           |     | 33.6         | 33.4 |             |      | 33.8 | 33.8 | 33.8         | 33.9         | 33.8  | 33.6           | 33.3  | 33.5  | :3.ა  | 33.3     | -3.         |
| ≥ 8000           |     | 35.7         | 36.2 | 36.2        | 36.2 | 36.2 | 36.2 | 1            |              |       | 1              |       |       |       | 36.2     | 36.0        |
| 2 7000           |     | 35.3         | 35.2 |             |      | 36.2 |      | 36.3         |              |       |                | 35.3  |       |       | 16.3     | 260         |
| ≥ 6000<br>≥ 5000 |     | 35.4         | 36.2 | 1 1         |      |      |      | 1            |              |       |                |       |       |       | 36.3     | ₹5.5        |
|                  |     | 36.1         | 36.4 |             | 36.4 |      |      |              |              |       |                | 36.5  |       |       |          | <u> </u>    |
| ≥ 450C           |     | 35.4         | 37.7 | 37.4        |      |      |      |              | 37.3         |       |                |       |       |       | 57.3     | 37.         |
| ± 4000           |     | 49.9         | 50.2 | 50.1        | 50.3 |      | 50.3 | 50.4         | <u> 50.4</u> | 50.4  | \$5 <b>.</b> 4 | 5 4   |       |       | ٠,٠٠٩    | 50.4        |
| 2 350C           |     | -1.5         |      | 82.5        |      |      |      |              | 82.8         |       |                |       |       |       | 5.7 • 3  | 32.5        |
| ≥ 3000           |     | 69.5         |      |             |      |      |      | 91.7         |              |       |                | 91.7  |       |       |          | <u>91.7</u> |
| ≥ 2500           |     | 80.9         |      | 91.5        |      |      | 92.2 |              | 92.3         | 92.3  |                |       | 92.3  |       | 72.3     | 76.03       |
| .* 2000          |     | 90 <b>.4</b> |      |             |      |      |      |              |              |       |                | 93.0  |       | 73.5  | 3.0      | 43.         |
| ≥ 800            |     | ≎.).8        |      | 92.7        | 93.3 | 93.3 | 93.4 |              |              | 93.5  |                |       |       | ¥3.5  | '3."     | 93.5        |
| ≥ 1500           |     | 73.2         |      |             | 96.6 |      | 96.7 |              |              |       |                |       |       | 96.5  |          | 7 E . :     |
| 2 1200           |     | 94.7         | 97.1 | 37.2        |      |      |      |              | - 1          | 99.0  |                |       | 99.0  |       | 39.7     | 9.          |
|                  |     | 34.9         |      |             | 99.2 |      |      |              |              |       |                | 99.9  |       | 79.9  |          | 33.3        |
| ≥ 900<br>≥ 800   |     | 24.9         |      | 97.5        |      |      |      |              |              |       |                |       |       |       |          | 99.9        |
| <del>-</del>     |     | 74.3         | 97.2 |             |      |      |      |              |              | 99.9  |                |       |       |       | 90.0     |             |
| ≥ 700            |     | 94.q         |      | 97.5        |      |      |      |              | 99.9         |       |                |       |       |       |          | 99.3        |
| ≥ 600            |     | 74.9         |      |             |      |      |      |              |              |       |                |       |       |       | 99.9     | 99.7        |
| ≥ 500<br>> 400   |     | 04.9         |      | 97.9        |      |      |      |              |              |       |                | 100.0 |       |       | 1 2.3    | 100•ပ       |
|                  |     | 24.9         |      |             |      | 99.2 |      |              |              |       |                |       |       |       | 100.0    |             |
| ≥ 300<br>≥ 200   |     | 74.9         |      | 97.5        |      |      |      |              |              |       |                |       |       |       | 130.0    |             |
|                  |     | 94.9         |      | <del></del> |      |      |      |              |              |       |                |       |       |       | 100.0    |             |
| > 100            |     | 94.9         | 1    | 97.5        |      |      |      |              |              |       |                |       |       |       | 120.0    |             |
| ≥ 0              |     | Ç4.9         | 97.2 | 97.5        | 99.2 | 99.2 | 99.8 | 100.0        | 100.0        | 100.0 | 100.0          | 100.0 | 160.0 | 160.3 | 170.0    | 100.0       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

L MAL CLIMATOLOGY BRANCH METAD AT WEATHER SERVICE/MAD

## CEILING VERSUS VISIBILITY

1

LAUES AS AZ

71-25

2.1

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 137-050

| 11.50           |      |         |       |      |      |      | •-/5 | 8 5  | ATUTE MIL | ES    |       |       |            |        | _      |               |
|-----------------|------|---------|-------|------|------|------|------|------|-----------|-------|-------|-------|------------|--------|--------|---------------|
| resern          | ≥ °¢ | ≥ 6     | ≥ 5   | ≥ 4  | ≥ 3  | ≥≎X  | ≥;   | ≥ %  | ≥1%       | ≥,    | 2 4   | ≥ %   | <u>≥</u> y | ≥5/16  | 24     | ≥ડ            |
| NO CELUNG       |      | 2/1.7   | 29.7  | 23.7 | 23.7 | 25.7 | 28.7 | 28.7 | 26.7      | 28.7  | 20.7  | 24.7  | 46.7       | ~F.7   | _a_7   | ^ E • 7       |
| ≥ 20000         |      | 3000    | 30.5  | 3.6  | 3 .6 | 30.6 | 30.6 | 30.6 | 30.6      | 35.6  | 30.6  | 30.6  | 20.6       |        |        | 33.6          |
| ≥ 18000         |      | 3 .6    |       | 37.6 | 30.6 | 33.6 | 30.6 | 30.6 | 30.6      | 30.5  | 30.6  | 35.€  | 37.6       | 70.5   | 30•6   | 300€          |
| ≥ 670%          |      | 7 3.0   | 30.6  | 30.6 | 37.6 | 30.6 | 30.6 | 30.6 | 30.0      | 30.6  | 30.6  | 30.6  | 30.6       | 30.5   | 30.5   | <u>Jule 6</u> |
| ≥ 14000         |      | 33.8    | 30.6  | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.4      | 30.6  | 30.4  | 30.6  | 30.5       | 33.4   | 33.6   | 73.6          |
| ≥ 2000          |      | 30.7    | 30.7  | 30.7 | 30.7 | 35.7 | 30.7 | 30.7 | 30.7      | 36.7  | 33.7  | 34.7  | J 7        | 30.7   | 32.7   | 7 مادت        |
| ≥ 10000         |      | 31.7    | 31.7  | 31.7 | 31.7 |      | 31.7 |      |           | 31.7  | 31.7  | 31.7  | 31.7       | 31.7   | 31.7   | 31.7          |
| ≥ 3000 F        |      | 31.9    | 31.4  | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9      | 31.2  | 31.9  | 31.9  | 31.9       | 31.0   | 31.7   | 21.           |
| ≥ 8000          |      | 33.8    | 33.5  | 33.6 | 33.R | 23.8 | 33.8 | 34.1 | 34.1      | 34.1  | 34.1  | 34.1  | 34.1       | 74.1   | 34.1   | 74.1          |
| ≥ 7900          |      | 34.2    | 34.2  | 34.2 | 34.2 |      |      |      |           | 34.4  | 34.4  | 34.4  | 34.4       | 34.4   | 34.4   | 34.4          |
| ≥ 6000          |      | 34.2    | 34.2  | 34.2 |      |      |      |      |           |       |       | 34.4  | 34.4       | 34.4   | 34.4   | 34.4          |
| ≥ 500C          |      | 34.2    | 1     |      |      |      |      |      |           |       |       | 34.4  |            | 34 . 4 | 34.4   | 74.4          |
| ≥ 450C          |      | 3 - 1   |       |      |      |      |      | 35.3 |           |       |       | 35.3  |            |        | 35.3   | 75.3          |
| ₫ 4000          |      | 47.6    | 1     |      | · .  |      | 48.0 | 48.2 |           | 46.2  | 40.2  | 43.2  |            |        | 45.2   |               |
| ≥ 350C          |      | 4 D • 9 |       |      |      |      |      |      |           |       |       | €3.1  |            | ×3.1   | 33·1   | 53.1          |
| ≥ 3000          |      | 5 3 D   |       |      | 91.5 |      |      |      |           |       |       |       |            |        | 91.7   | . 7 7 2       |
| ≥ 2500          |      | 89.4    |       |      |      |      | 92.0 |      |           |       |       | 92.3  |            | 92.3   | 42.3   | 42.7          |
| 2000            |      | 97.1    | 91.2  |      |      | 1    |      |      |           |       | 93.5  |       |            | 93.5   | 33.5   |               |
| ≥ 800           |      | 03.9    |       | 73.3 |      |      | 94.1 | 04.4 |           |       |       |       | 54.4       |        | 54.4   |               |
| ≥ 1500          |      | 92.9    |       | 95.4 |      |      |      |      | 96.9      |       |       |       | . •        |        | -      |               |
| ≥ 1200          |      | 74.6    |       |      |      |      |      |      |           |       |       |       |            | 78.9   |        |               |
| ≥ 000           |      | 94.8    | l . i | l    |      | 1 1  |      |      |           |       | 99.9  | -     |            |        |        | 99.0          |
| > 906           |      | 74.8    |       | 97.7 |      |      | 99.2 |      | _         |       |       |       |            |        | 39.9   |               |
| .≥ 900<br>≥ 800 |      | 94.9    |       |      |      | -    |      |      | 100.0     |       |       | -     |            |        |        |               |
| > 700           |      | 94.3    | 96.2  |      |      |      |      |      | 100.0     |       |       |       |            |        |        |               |
| ≥ 700<br>≥ 600  |      |         | •     | - 1  |      | רי ו |      |      | ,         |       | •     |       |            |        |        |               |
|                 |      | 34.9    |       |      |      |      |      |      | 105.0     |       |       |       |            |        |        | <u>100.0</u>  |
| ≥ 500<br>≥ 400  |      | 04.9    |       |      |      |      |      |      | 100.0     |       |       |       |            |        | 100.0  |               |
|                 | ļ    | 94.9    |       |      |      |      |      |      | 100.0     |       |       |       |            | 100.0  |        |               |
| ≥ 300<br>≥ 200  |      | 94.9    | 96.2  | 1    |      | 7 -  |      |      | 100.0     |       |       |       |            |        |        | 100.U         |
|                 |      | 94.9    |       |      | 99.2 |      |      |      | 100.0     |       |       |       |            |        |        |               |
| > 100           |      | 34.9    |       |      |      |      | -    |      | 100.0     |       |       |       |            |        |        |               |
| . U             |      | 34.9    | 95.2  | 97.8 | 99.2 | 99.2 | 99.4 | 29.9 | 100.0     | 100.0 | 100.C | 100.0 | 103.0      | 100.0  | 1 vú•O | 100.0         |

TOTAL NUMBER OF OBSERVATIONS 975

HEAT ETAC FORM ALLAS (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLES

SE PAL CLIMATOLOGY BRANCH SAFETAC A FATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2 1 LAUES AR AZ

MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1507-1801 Hours (L.S.T.)

| (E. N/)              | -   |       |      |         |      |      | ¥1\$ | B . * ST | ATUTE MIL    | ES           |      |              |      |               |       |               |
|----------------------|-----|-------|------|---------|------|------|------|----------|--------------|--------------|------|--------------|------|---------------|-------|---------------|
| 1255.1               | ₹.c | ≥ 6   | ≥ 5  | ≥ 4     | ≥ 3  | ×≎≤  | 2.7  | ≥ %      | ≥1%          | ۱ چ          | ≥ 4  | ≥ %          | ≥ ∨  | ≥5′′6         | 2 4   | ≥c            |
| NO 1EUN1-<br>≥ 20000 |     | 76.8  |      | .26 • 8 |      |      |      |          |              |              | 26.9 | _            | 26.0 | 27.           | 27.   | 27.0          |
|                      |     | 2009  |      |         |      |      |      |          | 29.5         |              | 29.  | 29.0         |      | 29.1          | 20.1  |               |
| ≥ 18000<br>≥ 5000    |     | 25.9  |      | 28.9    |      |      |      |          | 29.0<br>29.0 | 25.0<br>25.0 | 29.0 | 29.0<br>27.0 |      |               | 29.1  | 29.1          |
| ≥ '4000              |     | 2 . 9 |      |         |      |      |      | 29.0     | 29.0         | 29.0         | 29.0 | 29.0         | 29.0 | 29.1          | 27.1  | 29.1          |
| ≥ 2000               |     | 28.9  |      |         | 28.9 |      |      |          | 29.1         | 29.0         | 29.0 | 29.0         | 29.0 | 79.1          | 29.1  | 29.1          |
| ≥ 1000C              |     | 29.5  |      | 20.5    |      |      |      |          | 29.6         | 29.6         | 29.6 |              |      | :9.7          |       |               |
| ≥ 3000<br>≥          |     | 27.1  |      | 29.7    |      |      |      | 29.8     | 29.8         | 29.8         | 29.8 | 29.8         | 20.9 | 29.9          | 50.0  | 29.9          |
| ≥ 900C               |     | 72.5  |      | 32.5    | 32.5 | 32.5 | 32.5 | 32.6     | 37.6         |              | 32.4 | 32.6         | 32.6 | 32.7          | 52.7  | 72.7          |
| ≥ 7000               |     | 32.8  | 32.7 | 32.8    | 32.8 | 32.8 | 32.8 | 32.9     | 32.9         | 32.9         | 32.9 | 32.9         | 32.9 | 33.           | 33.0  | 730.          |
| ≥ 6000               |     | 32.8  | 32.9 | 32.8    | 32.8 | 32.8 | 32.8 | 72.9     | 32.9         | 32.9         | 32.9 | 32.9         | 32.9 | 33.           | 33.1  | 33.0          |
| ≥ 5000               |     | 32.8  | 32.5 | 32.8    | 32.8 | 32.8 | 32.8 | 32.9     | 32.9         | 32.9         | 32.9 | 32.9         | 32.9 | 3 <b>3.</b> 3 | 33.7  | 73.           |
| ≥ 4500               |     | 33.1  | 33.1 | 33.1    | 33.1 | 33.1 | 33.1 | 33.2     | 33.2         | 33.2         | 33.2 | 33.2         | 37.2 | 33.3          | 23.3  | 33.3          |
| ± 4000               |     | 43.4  | 49.4 | 48.5    | 48.6 | 45.6 | 48.6 | 48.7     | 48.7         | 48.7         | 48.7 | 46.7         | 48.7 | 43.3          |       |               |
| ≥ 350C               |     | A2.2  | 82.5 | 52.8    | 83.2 | 83.2 | 83.2 | 83.3     | 83.3         | H3.3         | 33.3 | 83.3         | 83.3 | €3.4          | 23.4  | €3•4          |
| ≥ 3000               |     | 64.6  | 90.1 | 20.8    | 91.8 | 91.8 | 91.5 | 91.9     | 91.9         | 91.7         | 91.9 | 91.9         | 91.9 | 92.           | 72.2  | 92.0          |
| ≥ 2500               |     | 80.6  | 90.4 | 91.2    | 92.5 | 92.5 | 92.5 | 92.6     | 92.5         |              |      |              | 92.5 | 92.7          | 92.7  | 92.7          |
| 2000                 |     | 95.6  |      | 92.0    | 93.8 | 93.8 | 93.8 |          |              |              | 93.9 |              |      |               | 54.0  | 94.5          |
| 2 800                |     | 01.0  | 91.6 | 92.4    | 94.1 | 94.1 | 94.1 |          | 94.2         | 94.2         | 94.2 | 94.2         | 94.2 |               | 94.3  | 94.3          |
| ≥ 1500               |     | 05.6  |      | 94.5    | 76.9 | 96.9 |      |          |              |              |      |              |      |               | 97.1  | 97.1          |
| ≥ 1200               |     | 94.1  |      | 95.9    | 1    |      |      | ł        |              |              |      | • •          |      |               | 30.3  | 69.           |
| ≥ 000                |     | 24.5  |      |         | 99.0 |      |      |          |              |              |      |              |      |               |       | 59.7          |
| ≥ <b>90</b> 0        |     | 94.5  | 95.6 | 96.3    | 99.0 | 99.0 | 99.2 |          |              |              |      |              | 99.6 |               |       |               |
| ≥ 800                |     | 24.5  | 95.6 |         | 99.0 |      | 99.2 |          |              |              |      |              |      |               | 100.3 |               |
| ≥ 700                |     | 04.5  | 95.6 | 1       | 99.0 |      | 99.2 |          |              | 99.7         | 99.7 | 99.7         |      |               | 130.7 |               |
| ≥ 600                |     | 94.5  |      |         | 99.0 |      |      |          |              |              |      | _            |      |               | 100.0 |               |
| ≥ 500                |     | 94.5  |      |         | 99.0 |      |      |          | 99.7         | 99.7         |      |              |      |               | 100.0 | 1 1           |
| ≥ 400                |     | 94.5  |      |         | 60.0 |      |      |          |              | 99.7         |      |              |      |               | 1-0-0 |               |
| ≥ 300                |     | 94.5  |      |         | 99.0 |      |      |          | 99.7         | 99.7         | 99.7 |              |      |               | 1.3.3 |               |
| ≥ 200                |     | 94.5  |      |         | 99.0 |      | 99.2 |          |              |              |      |              |      |               | 130.5 |               |
| > 100                |     | 24.5  | 1    |         | 99.0 |      |      |          | 99.7         |              |      |              |      |               | 100.0 |               |
| ≥ 0                  |     | 04.5  | 95.6 | 96.3    | 99.0 | 99.0 | 99.2 | 99.7     | 99.7         | 99.7         | 99.7 | 99.7         | 99.9 | 100.0         | 130.0 | <u> 100.3</u> |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

SE FAL CLIMATOLOGY STANCH SECULETAC A. SENTHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1731

LAUES AT A."

71-80

Dec

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.000=1100 HOURE (L.S.T.)

| CEL NO              |          | <u> </u> |              |             |         | _      | •15  | B . ** ST | ATUTE MIL | E\$  |      |      |                |       |          |               |
|---------------------|----------|----------|--------------|-------------|---------|--------|------|-----------|-----------|------|------|------|----------------|-------|----------|---------------|
| (FEET)              | ≥ .c     | ≥ 6      | ≥ 5          | ≥ 4         | ≥ 3     | ≥2%    | ≥ 2  | ≥ . %     | 21%       | 5.   | 2 4  | ≥%   | ≥ ٧.           | ≥5/16 | 2%       | ≥د            |
| NO CEIUNG           |          | 21.4     | 21.4         | .13 - 4     | 21.4    | 21.4   | 21.4 | 21.4      | 21.4      | 21.4 | 21.4 | 21.4 | 21.4           | 21.4  | 21.4     | 71.4          |
| ≥ 20000             |          | 7.04     | 30.4         | 30.4        | 30.4    | 30 a 4 | 30.4 | 30.4      | 30.4      | 30.4 | 30.4 |      | 30.4           |       |          |               |
| ≥ 18000<br>≥ 6000   |          | 3.704    | 30.4         | 30.4        | 31.04   | 37.4   | 30.4 |           |           | 30.4 | 30.4 |      | 30.4           |       | 1 1      | *0.4          |
|                     |          | 70.4     | <del> </del> | _30.4       |         |        |      |           |           | 30.4 |      |      |                |       |          | 3004          |
| ≥ 14000<br>≥ 12000  |          |          | 30.4         | 3C . 4      |         | 30.4   |      | -         |           |      |      |      | 30.4           |       | 3.3.4    |               |
| ≥ 2000              |          | 30.5     |              | 30.5        | 37.5    | 30.5   | 30.5 |           |           |      |      |      | 30.5           |       | 33.5     |               |
| ≥ 9000°<br>≥ .0000. |          | 71.5     | 1 [          | 31.6        |         | 31.6   | _    |           | 31.6      |      |      |      | 31.6           |       | 31.6     | 31.6          |
|                     | <u> </u> | 31.9     |              | 32.0        |         |        |      |           |           |      |      | 32.5 |                |       | 22.1     |               |
| ≥ 8000<br>≥ 7000    |          | 39.1     | 38.2         | i           |         |        |      |           | 38.4      |      |      |      | 36.4           |       | 34.4     | 30.4          |
|                     |          | 35.2     |              | 38.5        |         | 38.5   |      |           |           |      |      |      |                |       |          | <del></del>   |
| ≥ 6000<br>≥ 5000    |          | 3 მ • 3  |              | 38.8        | 36.8    | 1      |      |           | 38.8      | 38.8 |      |      | 3 € • 3        |       |          |               |
| <u> </u>            |          | 33.5     | <del></del>  | 39.0        | 39.0    | 39.    | 39.0 | 39.0      | 39.0      |      |      |      | 39.0           |       | 39.7     | 3900          |
| ≥ 4500<br>≥ 4000    |          | 39.9     | 40.1         | 40.3        | 4 C • 3 |        |      |           |           | 1    |      |      |                |       | 40•7     | 40.3          |
|                     |          | 51.4     | 51.8         | <u>52.0</u> | 52.0    | 52.0   |      |           |           |      |      |      |                |       |          | 52.0          |
| ≥ 3500              |          | 77.8     | 80.4         | 80.8        | 80.8    |        |      | - 1       |           | 80.8 |      |      | <b>8</b> ∫ • S |       |          | 8.3 • 8       |
| ≥ 3000              |          | 86.5     |              | 87.5        | 87.7    | 87.7   | 37.8 |           |           |      |      |      | 68.2           |       | c8.2     | 88.2          |
| ≥ 2500              |          | 87.0     | 87.7         | 88.1        |         | -      |      |           |           | 88.7 | -    |      | 88.7           |       |          | 86.7          |
| <b>200</b> 0        |          | ₹8.6     | 89.4         | 89.7        |         | 89.9   | 90.0 |           |           |      | 90.3 |      |                |       |          |               |
| ≥ 1800              |          | 88.6     | 89.4         | 89.7        | 92.0    | 90.0   | 90.1 | 90.3      | 90.4      | 96.4 | 90.4 | 90.4 | 90.4           |       |          | 90.4          |
| ≥ 1500              |          | 72.8     | 94.2         | 94.8        | 95.7    |        | 96.1 |           | 96.6      |      | 96.6 |      |                |       |          | <del></del>   |
| ≥ 1200              |          | ಿ 3.9    | 95.5         | 96.1        | 97.2    | 97.3   | 97.8 |           |           |      |      |      |                | -     | 98.3     | 98.3          |
| ≥ ,000              |          | 73.9     | 95.5         | 76.1        | 97.3    |        |      |           | 98.6      |      |      |      |                |       |          |               |
| ≥ 900               |          | 94.0     | 95.6         | 96.2        | 97.5    |        |      |           |           |      |      |      |                |       | 99.7     | 39.           |
| ≥ 800               |          | 94.0     | 95.6         | 96.2        | 97.6    | 97.8   | 98.5 |           | 99.0      |      |      |      |                | 99.1  | 99.1     | 99.1          |
| ≥ 700               |          | 94.0     | 95.6         | 96.2        | 97.6    | 97.8   | 98.5 | 99.0      | 99.1      | 99.4 | 99.4 |      |                |       |          | 69.4          |
| ≥ 600               |          | 94.0     | 95.6         | 96.2        | 97.6    | 97.8   | 98.6 |           | 99.4      |      |      |      | 99.6           |       |          | 99.0          |
| ≥ 500               |          | 04.0     | 95.6         | 96.2        |         |        |      |           | 99.4      | -    |      |      | 99.6           | 99.5  |          | 99.6          |
| ≥ 400               |          | 94.0     | 95.6         | 96.2        |         | 97.8   |      |           | 99.4      |      |      |      |                | 99.7  |          |               |
| ≥ 300               |          | 94.0     | 95.6         | 96.2        | 97.6    | 97.8   | 98.6 | 99.2      | 99.4      | 99.8 | 99.6 | 99.9 | 100.0          | 100.0 | 100.0    | <b>ընս</b> ան |
| ≥ 200               |          | 94.0     | 95.6         | 96.2        | 97.6    | 97.8   |      | 99.2      | 99.4      |      |      |      | 100.0          | 100.0 | 100.0    | 100-          |
| > 100               |          | 74.0     | 95.6         | 96.2        | 97.6    | 97.8   | 98.6 | 99.2      | 99.4      | 99.8 | 99.8 | 99.9 | 100.0          | 150.0 | 100.0    | 100.3         |
| ≥ 0                 |          | 94.0     | 95.6         | 96.2        | 97.6    | 97.8   | 98.6 | 99.2      | 99.4      | 99.8 | 99.8 | 99.9 | 150.0          | 100.G | 1 JO . O | <u>190.</u>   |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

1

BE MAL CLIMATOLOGY SPANCH LISTETAC AIS WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2 1

LAUES AR AZ

71-80

DLC

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17(0-14)[ HOURS (L.S.T.)

| CELNO.               |      |              |                  |              |              |              | viS          | B. TY ST         | ATUTE MIL | E5           |              |      |               |        |              |               |
|----------------------|------|--------------|------------------|--------------|--------------|--------------|--------------|------------------|-----------|--------------|--------------|------|---------------|--------|--------------|---------------|
| 198E.1               | ≥ '0 | ≥6           | ≥ 5              | ≥ 4          | ≥ 3          | ≥2%          | ≥ 2          | 2 %              | ≥1%       | <u>≥</u> 1   | ≥ 4          | ≥%   | 2 7           | ≥ 5/16 | 2 4          | ≥č            |
| NO CERINO<br>≥ 20000 |      | 19.9         | 17.4             | 19.9<br>37   | 19.9         |              |              |                  |           | 19.9<br>30.7 |              |      | - 1           |        |              | 19.4<br>36.7  |
| ≥ 18000<br>≥ 16000   |      | 30.7         | 7•7              | 30.7         | 37.7         | 36.7         | 30.7         | 30.7<br>30.7     | 30.7      | 36.7         | 3C . 7       | 33.7 | 30.7          | 30.7   | 30.7         | 76.7          |
| ≥ 1400<br>≥ 1200x    |      | 71.3         | 31.1             |              |              | 31.1         | 31.1         | 31.1             |           | 31.1         | 31.1         | 31.1 | 51.1          |        | 31.1         | 31.1          |
| 2000° ≥              |      | 72.4         | 32.4             | 32.4         | 32.4         | 32.4         | 32.4         | 32.4             | 32.4      | 32.4         |              | 32.4 | 32.4          | 22.4   | 32.4         | 12.4          |
| ≥ 8000<br>≥ 7000     | -    | 37.7         | 43.0             | 40.0         | 40.0         | 40.0         | 40.0         | 40.0             | 40.7      | 40.0         | 48.0         | 40.0 | 40.O          | 40.0   | ₩0.0         | 40.0          |
| ≥ 6000<br>≥ 5000     |      | 47.0         | 40.0             | 40.2         | 47.2         | 45.2         | 40.2         |                  | 40.2      | 40.2         | 40.2         | 40.2 | 4             | 45.2   | 47.2         | 40.2          |
| ≥ 4500<br>± 4000     |      | 41.5         |                  | 41.9         |              | 42.1         | 42.1         | 42.1             | 42.1      | 42.1         | 42.1         | 42.1 | 42.1          | 42.1   | 42.1         | 42.1          |
| ≥ 3500<br>≥ 3000     |      | 79.7         | 8~.3             | 80.3<br>86.1 | 85.7<br>86.8 | 80.8         | 80.8         | 80.8             | 80.8      | 80.6         | ⊌େ⊛ଞ         | 8C.8 | 60 <b>.</b> 8 | 83.8   | £3.8         | €ن.≎          |
| ± 2500<br>± 2000     |      | 95.3<br>66.5 | 86.1             | 96.2<br>97.4 |              |              | 87.0<br>88.3 | 87.0             |           | 87.0<br>38.3 | 87.0         | 87.3 | 87.0          | 87.3   | 57.          | 3 <b>7.</b> 1 |
| 2 800<br>2 1500      |      | 26.8         |                  |              | 83.4         |              |              |                  |           |              | 88.7<br>96.0 |      |               |        |              | 96.7          |
| ≥ 1200<br>≥ 1000     |      | 94.3         | 9: • 1<br>95 • 2 | 3            | 96.9<br>97.0 |              |              | - 1              |           | -            |              |      |               | _      | 97.9         | 98.2          |
| 2 90€<br>2 80€       |      | 74.5         | 95.5<br>95.7     | 1            | 97.2<br>97.5 |              |              | 98 • 1<br>98 • 4 | • .       | 98.4<br>98.7 | 98.4<br>98.7 |      |               | 98.4   |              |               |
| 2 700<br>≥ 600       |      | 94.          | 95.1<br>95.8     | 96.1<br>96.2 | 97.6<br>97.8 | _            | 98.4         |                  |           |              | -            |      | 98.8<br>99.1  | 98.8   | 98.3<br>99.1 | 98.0          |
| ≥ 500<br>≥ 400       |      | 94.5         | 95.9<br>96.0     | 96.4<br>96.4 |              | 98.3         | 99.1         | 99.4             |           | 99.4         | - 1          |      |               |        |              |               |
| ≥ 300<br>≥ 200       |      | 74.6<br>74.6 | 96.0             |              | 98.1         |              | 99.1         | 99.5             | 99.5      | 99.8         | 99.8         | 99.9 | 99.9          | 39.9   | 99.9         | 170.3         |
| > 100<br>2 0         |      | 94.8         | 7                | 96.4         |              | 98.3<br>98.3 | 99.1<br>99.1 | 99.5             |           |              | 99.8<br>99.8 |      | 99.9<br>99.9  |        |              |               |

LE PAL CLIMATOLOCY BRANCH AT MEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 2.1 LAUFS AP AZ

71-95

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1- \_5-170

| CELNO              | _           | , |       |              |              |              | viS  | 8: ** 57     | ATUTE MIL | ES           | _            |       |       |              |         |               |
|--------------------|-------------|---|-------|--------------|--------------|--------------|------|--------------|-----------|--------------|--------------|-------|-------|--------------|---------|---------------|
| (PEET)             | 5.0         | ≥ 6                                     | ≥ 5   | ≥ 4          | ≥ 3          | ≥ ?''        | ≥ ;  | ≥ . %        | ≥1%       | ≥1           | ≥ %          | ≥ %   | ≥ y   | ≥ 5/16       | 2 •     | . ≥ د         |
| NO CERUNG          | <del></del> | 17.4                                    | 17.4  | 17.9         | 17.9         | 17.9         | 17.9 | 17.9         | 17.9      | 17.0         | 17.0         | 17.9  | 17.9  | 17.5         | 17.9    | 17.9          |
| ≥ 20000            |             | 2.2                                     | 26.2  | 28.2         | 28.2         | 28.2         | 28.2 | 28.2         | 28.2      | 28.2         | 25.2         | 26.2  | 25.2  | 26.2         | 23.2    | 3601          |
| ≥ 18000<br>≥ 16000 |             | િલ • 2<br>ટિલ • 2                       | 29.2  | 28.2<br>28.2 | 28.2<br>28.2 |              |      | 28.2<br>28.2 | 28.2      | 28.2<br>28.2 | 28.2<br>28.2 | 2 · 2 |       | 28.2<br>28.2 | . a . ? | 70.7<br>75.7  |
| > 14000            |             | 2 + 2                                   |       |              |              |              | 28.2 | 28.2         | 20.2      |              | 26.2         | 23.2  |       | 2002         | 7 2 7   | 2002          |
| ≥ :2000            |             | 25.4                                    | 2     | 23.4         | 2 ? . 5      |              |      | 28.5         | 28.5      |              | 28.5         | 28.5  |       | 23           | 23.5    | 50 m          |
| 2.000€             |             | 24.4                                    | 27.4  | 29.4         | 29.6         |              |      | 29.6         |           |              | 29.5         | 27.6  |       | 79.0         |         | 7 9 %         |
| ≥ 800¢             |             | 29.7                                    | 29.7  | 1            |              |              |      |              | 29.8      |              | 29.8         | 29.€  | 25.8  | 29.8         | 1 .     |               |
| ≥ 8000             |             | 34.5                                    | 34.4  | 35.0         |              |              | 35.1 | 35.1         | 35.1      | 35.1         | 35.1         | 35.1  |       | 35.1         | 35.1    | 35.1          |
| ≥ 7000             |             | 34.a                                    | 35.1  | 35.2         | 35.3         | 35.3         | 35.3 | 35.3         | 35.3      | 35.3         | 35.7         | 35.3  |       | 35.3         | 35.3    | 35.3          |
| ≥ 6000             |             | 35.0                                    | 35.2  | 35.3         | 35.4         | 35.4         | 35.4 | 35.4         | 35.4      | 35.4         | 35.4         | 35.4  | 35.4  | 35.4         | 35.4    | 75.4          |
| ≥ 5000             | _           | 35.1                                    | 35.4  | 35.5         | 35.6         | 35.6         | 35.6 | 35.6         | 35.6      | 35.6         | 35.6         | 35.6  | _35.6 | 35.6         | 35.0€   | 35.5          |
| ≥ 4500             |             | 36.0                                    | 36.4  | 36.5         | 36.7         | 36.7         | 36.7 | 36.7         | 36.7      | 36.7         | 36.7         | 36.7  | 36.7  | 36 '         | 36.7    | 36.7          |
| 2 400C             |             | 43.4                                    | 49.0  | 49.3         | 49.5         | 49.5         | 49.6 | 49.6         | 40.5      | 49.6         | 49.6         | 49.6  | 45.6  | 44.          | 49.6    | 49.5          |
| ≥ 3500             |             | 78.0                                    | 79.7  | 79.2         | 79.8         | 79.8         | 79.9 | 79.9         | 79.9      | 79.9         | 79.9         | 79.7  | 79.9  | 79.9         | 79.9    | 79.9          |
| ≥ 3000             |             | 83.1                                    | 84.0  | 84.7         | 85.4         | 85.4         | 85.5 | 85.5         | 85.5      | 85.5         | 85.5         | 35.5  | e5.5  | 35.5         | 85.5    | 65.5          |
| ≥ 2500<br>≥ 2000   |             | 83.7                                    | 84.7  | 85.3         | 86.1         | 86.1         |      | 86.2         | 86.2      | 85.2         | 86.2         | 86.2  | 66.2  | 86.2         | 56.2    | 96.1          |
|                    |             | 94.5                                    |       | .66.2        | 86.9         | 86.9         | 87.3 | 87.3         | 87.3      |              | 87.3         | 87.3  | ٤7.3  | 87.3         | 37.3    | = 7. ;        |
| ≥ '800             |             | 45.4                                    |       | 87.5         |              | . • 1        |      | 98.6         | 89.6      |              |              | 86.6  |       | 88.0         | 3€.6    | 08.5          |
|                    |             | 90.9                                    |       |              | 95.1         | 95.1         | 95.6 | 95.7         | 95.7      |              |              | 95.7  |       | 95.7         | 95.7    | ····          |
| ≥ 1200             |             | 92.4                                    |       | 95.1         | 96.9         |              |      | 97.8         | 97.8      |              |              | 28.0  | 95.0  | 98.0         | 86.0    | ကမ္းပ         |
|                    |             | 92.4                                    |       |              | 97.g         |              |      |              | 98.1      |              | 98.7         | 96.2  | 98.2  |              |         | 48.           |
| ≥ 900<br>≥ 800     |             | 92.7                                    | 94.6  |              | 97.5         |              |      |              | 98.6      |              | 98.7         | 98.7  | •     | 98.8         | 38.€    | 93.5          |
|                    |             | 92.7                                    | 94.6  |              | 97.5         |              |      | 98.6         | 98.6      | 98.7         | 98.7         | 98.7  |       |              |         | 78.           |
| ≥ 700<br>≥ 600     |             | 92.8                                    | 1 1 1 | 95.7         | 97.7         |              |      | 98.9         | 98.9      | 99.0         | 99.0         | 96.0  |       | 59.1         | 49.1    | 99.1          |
|                    |             | 93.0                                    |       | 95.9         |              |              |      | 99.1         | 99.1      | 99.2         | 99.2         | 99,2  |       |              | 59.4    | 79.4          |
| ≥ 500<br>≥ 400     |             | 93.0                                    |       | 95.9         | 98.1         |              |      | 99.2         | 99.7      | 99.4         | 99.4         | 99.4  |       | 99.5         | 99.5    | \$0.5<br>CO.5 |
| ≥ 300              |             | 93.0                                    |       |              | 98.1         |              | 98.7 | 99.2         | 99.2      | 99.4         | 99.4         | 99.4  | 99.5  | 99.5         |         | 69.5          |
| ≥ 200              |             | 73.0                                    |       | 95.9<br>95.9 | 98.1         |              | i    | 99.2         | 99.7      | 99.4         | 99.4         | 99.5  |       | - 1          | 99.7    | 99.7          |
|                    |             | 93.0                                    |       | 95.9         | 98.1         | 98.1         | 98.7 | 99.2         | 99.2      |              | 99.4         | 99.5  |       | 99.5         |         |               |
| ≥ 100<br>≥ 0       |             | 93.3                                    | 95.d  |              | 98.1         | 98.1<br>98.1 | 98.7 | 99.2         | 99.2      | 99.5         | 99.5         |       |       | -            |         |               |
| <u>-</u> <u>-</u>  |             | 7 7 9 9                                 | 7300  | 7307         | 7301         | 7001         | 700/ | 7782         | 7706      | 7703         | 7703         | 77.0  | 77.9  | ي ويا ي      | 1 (1)   | LUGO!         |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_977

ME MAL CLIMATOLOGY BRANCH . AFETAC AT - MEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

1 2 1 LAUES AS AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIL NO             |      |              |              |                  | <u>,                                     </u> |              | ¥15          | 8 51         | ATUTE MILI   | ES           |              |       |                  |              |              |                       |
|---------------------|------|--------------|--------------|------------------|---|--------------|--------------|--------------|--------------|--------------|--------------|-------|------------------|--------------|--------------|-----------------------|
| (FEE*)              | ≥ 'C | ≥6           | ≥ 5          | ≥ 4              | ≥ 3   | ≥2%          | ≥ ?          | ≥ - %        | ≥1%          | ≥1           | ≥ 4          | ≥     | ≥ v:             | ≥ 5/16       | 2 4          | ≥c                    |
| NO CEUNO<br>≥ 20000 |      | 22.4         | 1 1          |                  | 22.5  | ?2.5<br>29.8 | 22.5         | 22.5<br>29.8 |              | 22.5<br>29.8 |              | 22.5  | 22.5             | 22.5         | 50°8         | ?2.5<br>25.8          |
| ≥ 18000<br>≥ 18000  |      | 29.7         | 29.7         | 29.7             | 29.8  | 29.8         | 29.8         | 29.8         | 29.5         | 29.R         | 27.8         | 29.8  | 29.8             | 20.8         | 29.8         | 29.2                  |
| ≥ 14600<br>≥ 12000  |      | 29.7         | 29.7         | 29.7             | 29.8  | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         | 29.5         | 29.8  | 29.5             | 29.5         | 29.8         | 29.8                  |
| 2000. ≤             |      | 70.0<br>73.1 |              | 10.0<br>30.1     | 30.1  | 30.1         | 30.1<br>30.2 | 30.1         | 30.1         | 50.1         | 30.1         | 30.1  | 31.1<br>30.2     | 30.1<br>20.2 | 30.1<br>30.2 | 20.1<br>30.0          |
| ≥ 8000<br>≥ 7000    |      | 35.0<br>35.1 |              | 35.0<br>35.1     | 35.2  | 35.2         |              | 35.2<br>35.3 |              | 35.2         | 35.2         | 35.2  | 35.2             | 35.2         | 35.2         | 35.2<br>35.3          |
| ≥ 6000<br>≥ 5000    | ,    | 35.1<br>35.1 |              | 35 • 1<br>35 • 1 | 35.3<br>35.3                                  | 35.3<br>35.3 | 35.3         | 35.3<br>35.3 | 35.3<br>35.3 |              | 35.3         | 35.3  | 35 • 3<br>35 • 3 | 35.3         | 35.3         | 75.3<br>35.3          |
| ≥ 4500<br>≥ 4000    |      | 35.4<br>47.5 | 35.4         | 35.4             | 35.6  | 35.6         | 35.6         | 35.6         |              | 35.6         | 35.6         | 35.6  |                  |              | 35.6         | 31.6<br>47.7          |
| ≥ 3500<br>≥ 3000    |      | 79.8         | 79.9<br>86.7 | 0.08<br>8.68     | 8D.3  |              | 80.3<br>87.5 | 8D.3         | 87.5         | 80.3<br>87.5 |              |       | 50.3             | 1            | 90.3         | 90.7<br>8 <b>7.</b> 5 |
| 2 2500<br>2 2000    |      | 36.9<br>97.4 | 1 1 1        | 97 • 6<br>88 • 6 |   | 89.4         | 68.3<br>89.4 | 88.3<br>89.4 | 88.3<br>89.4 | 88.3         | 87.4         |       |                  |              | 50.3         |                       |
| ≥ 1800<br>≥ 1500    |      | 92.3         | 1 7          |                  | 93.0<br>95.6                                  |              | 90.0<br>95.8 | 90.0<br>95.9 | 90.0<br>95.9 | 96.0<br>95.9 |              |       | 90.0<br>95.9     | 95.9         | 90.0<br>95.9 | 90.0<br>95.9          |
| ≥ 1200<br>≥ 1000    |      | 93.4         | 1            |                  |   | _ I          | 97.3<br>97.6 | 97.4         | 97.4<br>97.7 |              |              |       | 97.4<br>97.7     | 97.4<br>97.7 |              | 97.4<br>97.7          |
| 2 900<br>≥ 800      |      | 93.7         | 95.4<br>95.4 | 96 • 1<br>96 • 1 | 97.6<br>97.7                                  |              | 98.1<br>98.3 | 98.2<br>98.4 |              |              | 98.7<br>98.6 |       | 98.2<br>98.6     | 98.2<br>98.5 | 99.7<br>98.6 | 98.2<br>98.5          |
| ≥ 700<br>≥ 600      |      | 94.2         | 95.5<br>95.8 |                  | 97.8  |              | 98.5<br>99.0 | 98.6<br>99.1 |              |              |              |       |                  | -            |              | 99.5                  |
| ≥ 500<br>≥ 400      |      | 94.2         | 95.8         | 96.7             | 98.4<br>98.4                                  | 98.6         |              | 99.2         | 99.2         | 99.5         | 99.5         | 99.7  |                  | 99.7         |              |                       |
| ≥ 300<br>≥ 200      |      | 94.2         | 95.8         | 96.7             |   | 98.7         | 99.2         |              | 99.5         | 99.8         |              | 100.0 | 160.0            |              | 100.5        |                       |
| ≥ '00<br>≥ 0        |      | 94.2         | 1 1          | 96.7             | 98.5  | · · 1        | 99.2<br>99.2 | 99.5         |              |              |              | •     |                  |              | 100.0        |                       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

OL HAL CLIMATOLOGY BRANCH AT REATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

LAUES AS AZ

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY ORSERVATIONS)

1 3-2300 Hours (La.Y.)

| CELING<br>GEETY      |      |         |      |              | . ,           |      | viS  | BL** ST | ATUTE MIL | ē\$   |       | ·       |        |        |       |       |
|----------------------|------|---------|------|--------------|---------------|------|------|---------|-----------|-------|-------|---------|--------|--------|-------|-------|
| (,,,                 | ≥ .0 | ≥6      | ≥5   | ≥ 4          | ≥ 3           | ¥2.₹ | 2.7  | ≥ . %   | ≥1%       | ≥1    | ≥ 4   | ≥ %     | ≥ ٧.   | ≥ 5/16 | ≥ ¼   | ≥ć    |
| NO CERING<br>≥ 20000 |      | 27.2    | 27.2 |              |               |      |      |         |           |       |       |         |        |        | 27.2  |       |
|                      |      | 31.7    | 31.7 | <u> 31•7</u> | <u> -3:•7</u> | 31.7 | 31.7 |         |           |       |       |         |        |        |       | 31.7  |
| ≥ 18000              |      | 31.7    | 31.7 | 31.7         | 31.7          | 31.7 | 31.7 |         |           | 31.7  | 31.7  | 31.7    | 31.7   | 31.7   |       | 21.7  |
|                      |      | 31.7    | 31.7 | 31.7         | 31.7          | 31.7 | 31.7 |         | 31.7      | 31.7  | 31.7  | 31.7    | 31.7   | 31.7   | 21.7  |       |
| ≥ 14000              |      | 31.7    | 31.7 | 31.7         | 31.7          | 31.7 | 31.7 | 31.7    | 31.7      | 31.7  | 31.7  | 31.7    | 31.7   | 31.7   | 31.7  | 31.7  |
| ≥ 2000               |      | 32.0    | 32.1 | 32.0         | 32 • C        | 32.0 | 32.0 | 32.0    | 32.0      | 32.0  | 32.0  | 32.0    | 32.0   | 32.0   | 32.2  | 32.0  |
| ≥ .0000              |      | 32.6    | 32.7 | 32.7         | 32.7          | 32.7 | 32.7 | 32.7    | 32.7      | 32.7  | 32.7  | 32.7    | 32.7   | 32.7   | 52.7  | 32.7  |
| ≥ 9000               |      | 32.3    | 32.9 | 32.9         | 32.9          | 32.9 | 32.9 | 32.9    | 32.9      | 32.9  | 32.9  | 32.9    | 37.9   | 32.7   | 37.0  | 32.9  |
| ≥ 9000               |      | 36.0    | 36.1 | 36.1         | 36.1          | 36.1 | 36.1 | 36.1    | 36.1      | 36.1  | 36.1  | 36.1    | 36.1   | 36.1   | 36.1  | 76.1  |
| ≥ 7000               |      | 36.0    | 36.1 | 36.2         | 36.2          | 36.2 | 36.2 | 36.2    | 36.2      | 36.2  | 36.2  | 36.2    | 36.2   | 36.2   | 35.2  | 3602  |
| ≥ 6000               |      | 35.0    |      | 36.2         |               |      | 36.2 |         |           | 36.2  | 36.2  | 36.2    | 35.2   | 36.2   |       | 36.2  |
| ≥ 5000               |      | 36.0    | 36.1 |              |               |      | 36.2 |         |           | 36.2  |       |         | 36.2   |        |       | 36.2  |
| ≥ 4500               |      | 36.7    | 36.8 |              |               |      | 36.9 |         |           | 36.9  |       |         |        | 36.9   |       | 36.9  |
| ≛ 400C               |      | 49.7    |      |              | 49.0          |      |      | 49.0    |           | l I   |       |         | 49.0   |        | 49.0  |       |
| ≥ 3500               |      | F 2 . 2 |      |              |               |      |      |         |           | P3.4  |       |         |        | 43.4   |       | 93.4  |
| ≥ 3000               |      | 1 1     | 90.4 |              | 91.1          |      |      |         |           | 91.1  |       |         |        |        | 91.1  |       |
| ≥ 2500               |      | 89.8    |      |              |               |      |      |         |           |       | 91.7  |         |        |        |       | 91.7  |
| ≥ 2000               | '    | 93.3    |      |              |               |      |      |         |           |       |       |         |        |        | 92.4  |       |
| > 1800               |      | 90.7    | 91.6 |              | 92.8          |      | 92.9 |         |           | 92.9  |       |         |        |        |       |       |
| ≥ 1500               |      |         | 95.2 |              |               |      |      |         |           |       |       |         |        |        | 97.2  |       |
| > 1300               |      |         |      |              |               |      |      |         |           |       |       |         |        |        |       | 770.  |
| ≥ 1200               |      | 95.2    |      |              |               |      | 99.0 |         |           |       |       | 99.0    |        |        |       |       |
|                      |      |         | 96.5 |              |               |      |      |         |           |       |       |         |        |        | 99.7  |       |
| ≥ 900<br>≥ 800       |      | 95.6    | 96.9 |              |               |      |      |         |           |       |       |         |        |        | 9.A   |       |
|                      |      | 25.7    |      |              |               |      |      |         |           |       |       |         |        |        | 39.0  |       |
| ≥ 700                |      | 95.7    | 97.d |              |               |      |      |         |           |       |       |         |        |        | 39.0  |       |
| ≥ 600                |      | 95.8    |      |              |               |      |      |         |           |       |       |         |        |        | 173.7 |       |
| ≥ 500                |      | 95.8    |      | - 1          |               |      |      |         |           |       |       |         |        |        | 130.0 |       |
| ≥ 400                |      | 95.8    |      |              |               |      |      |         |           |       |       |         |        |        | 100.0 |       |
| ≥ 300                |      | 95.9    |      |              |               |      |      |         |           |       |       |         |        |        | 100.0 |       |
| ≥ 200                |      | 95.8    | 97.1 | 97.4         | 99.5          | 99.6 | 99.7 | 99.8    | 100.0     | 100.0 | 100.0 | 100 · 0 | 100.d  | 100.0  | 100.0 | 100.0 |
| 00 ج                 |      |         |      |              |               |      |      |         |           |       |       |         |        |        | 100.0 |       |
| ≥ 0                  |      | 95.8    | 97.1 | 97.4         | 99.5          | 99.6 | 99.7 | 99.8    | 100.d     | loc.a | 100.0 | 100 a   | ice.ol | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS \_\_\_

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## CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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|      |      |  |  |   |   | VIS  | B . ** ST  | ATUTE MILI   | <b>E</b> S   |   |   |  |   |   |        |
|------|------|--|--|---|---|--|--|--|--|---|---|--|---|---|--------|
| ≥ .c | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3   | ≥2%   | ≥ ;  | ≥ %  | ≥1%  | ≥1   | ≥ 4                                     | ≥%  | ≥ ∨  | ≥ 5/16  | ≥ 4   | ≥č     |
|      | 24.3 | 24.3   | 24.3   | 24.3  | 24.3  | 24.3   | 24.3   | 24.3   | 24.3   | 24.3                                    | 24.3  | 24.3   | 24.3  | 24.3  | 24.    |
|      | 30.4 | 30.4   | 33.4   | 30.4  | 30.4  | 30.4   | 30.4   | 30.4   | 30.4   | 30.4                                    | 30.4  | 30.4   | 30.5  | 30.5  | 36.0   |
|      | 70.4 | 30.4   | 30.4   | 30.4  | 30.4  | 30.4   | 30.4   | 3.0 • 4  | 30.4   | 30.4                                    | 30.4  | 37.4   | 30.1  | 30.5  | 30.    |
|      | 33.4 | 30.4   | 30.4   | 30.4  | 30.4  | 3C - 4   | 30.4   | 30.4   | 36.4   | 30.4                                    | 33.4  | 3~.4   | 30.5  | 33.5  | 35.    |
|      | 70.4 | 30.5   | 30.5   | 30.5  | 30.5  | 30.5   | 30.5   | 30.5   | 36.5   | 30.5                                    | 30.5  | 31.5   | 30.5  | 37.5  | 700    |
|      | 30.6 | 30.6   | 30.6   | 30.6  | 30.6  | 30.6   | 30.6   | 30.6   | 36.5   | 30.6                                    | 30 ∙ ₺  | 30.6   | 35.7  | 30.7  | 7:00   |
|      | 31.3 | 31.4   | 31.4   | 31.4  | 31.4  | 31.4   | 31.4   | 31.4   | 31.4   | 31.4                                    | 31.4  | 31.4   | 21.5  | 31.5  | 31.    |
|      | 31.5 | 31.4   | 31.6   | 31.6  | 31.6  | 31.6   | 31.6   | 31.6   | 21.6   | 31.5                                    | 31.6  | 31.6   | 31.7  | 31.7  | 71.    |
|      | 35.7 | 35.8   | 35.9   | 35.9  | 35.9  | 35.9   | 35.9   | 35.9   | 35.9   | 35.9                                    | 35.9  | 35.9   | 35.3  | 76.0  | 15.    |
|      | 35.9 | 36.0   | 36.0   | 36.1  | 36.1  | 36.1   | 36.1   | 36.1   | 36.1   | 36.1                                    | 76.1  | 36.1   | 36.1  | 3t . 1  | 36.    |
| _    | 35.9 | 36.0   | 36.1   | 36.1  | 36.1  | 36.1   |  | 36.2   | 36.2   | 36.2                                    | 35.2  | 3 t . 2  | 36.2  | 34.2  | 36.    |
|      | 36.0 | 36.2   |  |   | 36.3  | 36.3   | 36.4   | 36.4   | 36.4   | 36.4                                    | 36.4  | 36.4   | 36.4  | 35.4  | 30.    |
|      | 36.5 | 37.7   |  |   |   | 37.1   | 37.2   | 37.2   | 37.2   | 37.2                                    | 37.2  | 37.2   | 37.0  | 37.2  |        |
|      | 49.6 | 40.8   | 49.9   | 50.1  | 50.1  | 50.1   | 50.1   | 50.1   | 56.1   | 50.1                                    | 50.1  | 50.1   | 50.2  | 50.2  | . I.C. |
|      | 80.5 | 81.1   | 21.4   | 81.7  | 61.7  | 81.7   | 81.8   | 81.8   | 81.6   | 81.A                                    | 81.9  | 81.8   | 51.9  | A1.9  | 91.    |
|      | 87.3 | 88.2   | 88.6   | 89.2  |   |  | 89.3   | 80.3   | 89.3   | 89.3                                    | 89.3  | 69.3   | 89.3  | - 9 . 3   | 89.    |
|      | 87.7 | 88.6   | 39.0   | 89.7  | 89.8  | 89.8   | 89.9   | 89.9   | 89.9   | 89.9                                    | 89.9  | 89.9   | 89.9  | 17.9  | ٠٧.    |
|      | 98.5 | 89.5   |  |   | 90.8  | 90.9   | 91.0   | 91.d   | 91.0   | 91.0                                    | 91.0  | 91.0   | 91.0  | 71.0  | 91.    |
|      | 89.0 | 90.0   | 90.6   | 91.4  |   |  | 91.6   | 91.6   | 91.5   | 91.6                                    | 91.6  | 91.5   | 91.0  | 71.6  | 91.    |
|      |      | -  | 94.7   |   | 96.1  | 96.3   |  |  | 96.5   | 96.5                                    |   |  | 96.5  | 96.5  | l      |
|      | 94.1 | 95.6   | 96.2   | 97.8  |   |  | 98.4   | 98.4   | 98.4   | 98.4                                    | 98.4  | 98.4   | 98.5  | 99.5  | 95.    |
|      | 74.2 | 95.5   |  |   |   | . 1  |  | 98.9   | 98.9   | 98.9                                    | 98.9  | 99.7   | 99.0  | 99.7  | 09.    |
|      | 24.3 | 95.4   |  |   | 98.4  |  |  |  |  |   |   |  | 99.2  | 99.7  | 99.    |
|      | 94.4 | 95.9   |  |   |   |  |  |  | 99.3   |   |   |  |   |   |        |
|      | 94.4 | 95.9   | 96.7   | 98.5  | 98.5  | 98.9   | 99.3   | 99.3   | 99.4   | 99.4                                    | 99.4  | 99.5   | 99.5  | 99.5  | 29.    |
|      |      |  |  |   |   |  | -  | 99.5   | 99.6   |   | -   |  |   |   | 99.    |
|      |      | 96.1   |  |   |   |  |  |  |  | 99.7                                    |   |  | 99.8  | 99.8  |        |
|      | . 1  |  |  |   |   |  |  |  |  |   |   |  |   |   |        |
|      |      |  |  |   |   | $\overline{}$  |  |  |  |   |   |  |   | _   | ·      |
|      |      |  | 1  |   |   | 1 1  | -  |  |  |   | * 1   | 7 1  |   |   |        |
|      |      |  |  |   |   |  |  |  |  |   | _   | _  |   |   |        |
|      | 94.5 | _ 1 1  | 96.8   |   | - 1   |  |  | -  |  |   |   |  | 1   |   | _      |
|      | ≥ 'C | 24.3<br>30.4<br>70.4<br>70.4<br>30.6<br>71.3<br>31.5<br>35.7<br>35.7<br>35.7<br>35.7<br>37.7<br>49.6<br>89.0<br>92.7<br>94.1<br>94.4<br>94.4<br>94.6 | 24.3 24.3 30.4 30.4 30.4 30.4 30.4 30.4 30.4 3 | 24.3 24.3 24.3 30.4 30.4 30.4 30.4 30.4 30.4 30.4 3 | 24.3 24.3 24.3 24.3 24.3 30.4 30.4 30.4 30.4 30.4 30.4 30.4 3 | 24.1 24.3 24.3 24.3 24.3 24.3 30.4 30.4 30.4 30.4 30.4 30.4 30.4 3 | 210       26       25       24       23       22%       22         24.3       24.3       24.3       24.3       24.3       24.3       24.3       24.3       30.4 <td>2***       3***       3***</td> <td>210 26 25 24 23 22% 22 2% 21%  24.3 24.3 24.3 24.3 24.3 24.3 24.3 24.3</td> <td>24.3 24.3 24.3 24.3 24.3 24.3 24.3 24.3</td> <td>240 26 25 24 23 20% 27 2 % 21% 21 24  240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 30 4 30 4</td> <td>210 26 25 24 23 20% 27 2 % 21% 21 24 26 26 27 24 3 24 3 24 3 24 3 24 3 24 3 24 3 2</td> <td>20 26 25 24 23 227 22 27 218 218 21 24 28 28 28 28 28 28 28 28 28 28 28 28 28</td> <td>210 26 25 24 23 20% 27 2 2 8 214 21 24 28 27 25 25 25 26 24 3 24 3 24 3 24 3 24 3 24 3 24 3 2</td> <td>2 10</td> | 2***       3***       3*** | 210 26 25 24 23 22% 22 2% 21%  24.3 24.3 24.3 24.3 24.3 24.3 24.3 24.3 | 24.3 24.3 24.3 24.3 24.3 24.3 24.3 24.3 | 240 26 25 24 23 20% 27 2 % 21% 21 24  240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 240 3 30 4 30 4 | 210 26 25 24 23 20% 27 2 % 21% 21 24 26 26 27 24 3 24 3 24 3 24 3 24 3 24 3 24 3 2 | 20 26 25 24 23 227 22 27 218 218 21 24 28 28 28 28 28 28 28 28 28 28 28 28 28 | 210 26 25 24 23 20% 27 2 2 8 214 21 24 28 27 25 25 25 26 24 3 24 3 24 3 24 3 24 3 24 3 24 3 2 | 2 10   |

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## CEILING VERSUS VISIBILITY

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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| 151 NG   |      |      |      |              |      |      | - 5  | 8 5. | ATUTE MILI | ES.  |          |      |      |           |                |          |
|----------|------|------|------|--------------|------|------|------|------|------------|------|----------|------|------|-----------|----------------|----------|
| (*56.)   | ≥ 10 | ≥6   | ≥5   | ≥ 4          | ≥3   | ≥2%  | ≥ ;  | ≥ "  | 21%        | ≥ '  | <u> </u> | ≥ ′• | 27   | ≥ 5 ′ ' 6 | 2 •            | ≥.       |
| NO CEUNG |      | 71.4 | 31.4 | 71.4         | 31.4 | 31.4 | 31.4 | 71.4 | 31.4       | 31.4 | 31.4     | 31.4 | 31.4 | 31.4      | 71.4           | ₹1.4     |
| ≥ 20000  |      | 37.6 | 37.6 | 37.6         | 37.7 | 37.7 | 37.7 | 37.7 | 37.7       | 37.7 | 37.7     | 37.7 | 57.7 | 37.7      | 27.7           | 37.3     |
| ≥ 18000  |      | 37.6 | 37.6 | 37.7         | 37.7 | 37.7 | 37.7 | 37.7 | 37.7       | 37.7 | 37.7     | 37.7 | 37.7 | 37.7      | 37.7           | 37.7     |
| ≥ '6000  |      | 37.6 | 37.7 | 37.7         | 37.7 | 37.7 | 37.7 | 37.7 | 37.7       | 27.7 | 37.7     | 37.7 | 37.7 | 37.7      | 37.7           | 27.7     |
| ≥ '4000  |      | 37.7 | 37.7 | 37.7         | 37.7 | 37.7 | 37.7 | 37.7 | 37.7       | 37.7 | 37.7     | 37.7 | 37.7 | 37.7      | 37.7           | 37.7     |
| ≥ .5000  |      | 3ძ•0 | 38.0 | <u> 39.0</u> | 35.0 | 33.0 | 38.0 | 38.0 | 38.7       | 30.1 | 38.1     | 38.1 | 35.1 | 18.1      | 32.1           | 30.1     |
| ≥ ,0000  |      | 39.0 | 37.0 | 39.0         | 39.1 | 39.1 | 39.1 | 79.1 | 39.1       | 39.1 | 30.1     | 39.1 | 39.1 | 39.1      | 3 ₹ • 1        | .9.i     |
| > 9000   |      | 39.2 | 39.2 | 39.2         | 37.2 | 39.2 | 39.2 | 39.2 | 37.2       | 39.3 | 39.3     | 39.3 | 30.3 | 29.3      | 29.3           | . ?y • 3 |
| ≥ 800C   |      | 42.7 | 42.8 | 42.8         | 42.9 | 42.9 | 42.9 | 42.9 | 42.9       | 42.9 | 42.9     | 42.0 | 42.9 | 42.3      | 42.0           | 42.4     |
| ≥ 7000   |      | 42.9 | 43.7 | 43.0         | 43   | 43.1 | 43.1 | 43.1 | 43.1       | 43.1 | 43.1     | 43.1 | 43.1 | 43.1      | 43.1           | 43.1     |
| ≥ 6000   |      | 42.9 | 43.1 | 43.0         | 43.1 | 43.1 | 43.1 | 43.1 | 43.1       | 43.1 | 43.1     | 43.1 | 43.1 | 43.1      | 43.1           | 43.1     |
| ≥ 5000   |      | 43.0 | 43.1 | 43.1         | 43.2 | 43.2 | 43.2 | 43.2 | 43.2       | 43.2 | 43.2     | 43.2 | 43.2 | 43.2      | 43.2           | 43.2     |
| ≥ 4500   |      | 43.5 | 43.6 | 43.6         | 43.7 | 43.7 | 43.7 | 43.7 | 43.7       | 43.7 | 43.7     | 43.7 | 43.7 | 43.7      | 43.7           | 43.7     |
| 2 400C   |      | 56.8 | 56.9 | 57.0         | 57.1 | 57.1 | 57.1 | 57.1 | 57.1       | 57.1 | 57.1     | 57.1 | 57.1 | 57.1      | 5.7.2          | 57.2     |
| ≥ 3500   |      | 20.4 | 82.8 | 63.1         | 83.3 | £3.3 | 83.4 | 93.4 | 83.4       | 83.4 | 83.4     | 93.4 | 63.4 | 83.4      | ⊇3.4           | P3.4     |
| ≥ 3000   |      | 58.4 | 89.0 | 89.1         | 89.7 | 89.8 | 89.8 | 69.8 | 89.8       | 89.8 | 89.4     | 89.8 | 80.9 | 69.8      | 89.9           | A9.5     |
| ≥ 2500   |      | 88.9 | 89.5 | 89.8         | 90.3 | 90.3 | 90.4 | 90.4 | 90.4       | 90.4 | 90.4     | 90.4 | 97.4 | 90.4      | 97.4           | 71,04    |
| ≥ 2000   |      | 30.6 | 90.3 | 90.7         | 91.2 | 91.2 | 91.3 | 91.3 | 91.3       | 91.3 | 71.3     | 91.3 | 91.3 | 91.3      | 91.3           | 71.3     |
| ≥ '800   |      | 87.9 | 90.6 | 91.d         | 91.5 | 91.6 | 91.6 | 91.7 | 91.7       | 91.7 | 91.7     | 91.7 | 91.7 | 91.7      | 91.7           | 91.7     |
| ≥ 1500   |      | 93.7 | 94.7 | 94.5         | 95.4 | 95.4 | 95.6 | 95.6 | 95.7       | 95.7 | 95.7     | 95.7 | 95.7 | 95.7      | 95.7           | 25.7     |
| ≥ 1200   |      | 94.3 | 95.4 | 96.1         | 97.2 | 97.3 | 97.5 | 97.6 | 97.6       | 97.7 | 97.7     | 97.7 | 97.7 | 97.7      | 97.7           | 97.7     |
| ≥ ,000   |      | 94.7 | 95.9 | 96.6         | 97.9 | 97.9 | 98.2 | 98.3 | 98.4       | 98.4 | 98.4     | 98.4 | 98.5 | 98.5      | 98.5           | 98.5     |
| 2 900    |      | 94.8 | 96.7 | 76.7         | 98.0 | 98.1 | 98.4 | 98.6 | 98.6       | 98.7 | 98.7     | 98.7 | 98.7 | 98.7      | 94.7           | 96.7     |
| ≥ 800    |      | 95.0 | 96.2 | 96.9         | 98.3 | 98.4 | 98.7 | 98.9 | 98.9       | 99.0 | 99.0     | 99.0 | 99.1 | 79.1      | 99.1           | 99.1     |
| ≥ 700    |      | 95.1 | 96.3 | 97.0         | 98.4 | 98.5 | 98.9 | 99.1 | 99.1       | 99.2 | 39.2     | 99.2 | 99.2 | 99.7      | 99.2           | 99.2     |
| ≥ 600    |      | 05.2 | 96.4 | 97.1         | 98.6 | 98.7 | 99.1 | 99.3 | 99.3       | 99.4 | 99.4     | 99.4 | 99.5 | 99.5      | 99.5           | 99.5     |
| ≥ 500    |      | 95.2 | 96.5 | 97.2         | 98.7 | 98.8 | 99.2 | 99.4 | 99.5       | 99.6 | 99.6     | 99.6 | 99.7 | 99.7      | 99.7           |          |
| ≥ 40C    |      | 95.2 | 96.5 | 97.2         | 98.7 | 98.9 | 99.3 | 99.5 | 99.6       | 99.7 | 99.7     | 99.7 | 99.8 | 99.5      | 99.9           | 99.8     |
| ≥ 300    |      | 95.2 | 96.5 | 97.2         | 98.8 | 98.9 | 99.3 | 99.6 | 99.6       | 99.8 | 99.8     | 99.8 | 99.8 | 99.9      | 99.9           | 99.9     |
| ≥ 200    |      | 95.2 | 96.5 | 97.2         | 98.8 | 98.9 | 99.3 | 99.6 | 99.7       | 99.8 | 99.8     | 99.9 | 99.9 | 99.9      | 99.9           | 99.5     |
| > 100    |      | 75.2 | 96.5 | 97.2         | 98.8 | 98.9 | 99.3 | 99.6 | 99.7       | 99.8 | 99.A     | 99.9 | 99.9 | 99.9      | 99.9           | 1000     |
| ≥ 0      |      | 95.4 | 96.5 | 97.2         | 98.8 | 98.9 | 99.3 | 99.6 | 99.7       | 99.8 | 99.8     | 99.9 | 99.9 | 100.0     | 18 <u>0.</u> 0 | 100.0    |

#### PART D

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| <u>OKTAS</u>   | TENTHS |
|----------------|--------|
| 0              | 0      |
| 1              | 1      |
| 2              | 3      |
| 3              | 4      |
| 4              | 5<br>6 |
| 5              | 6      |
| 6              | 8      |
| 7              | 9      |
| 8 (or obscured | 1) 10  |

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**SKY COVER** 

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STATION NAME

PER OD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |     |      |   | PERCENTAG | E FREQUENC | Y OF TENT | S OF TOTAL | SKY COVE | R    |          |                                       | MEAN TENTHS OF | 1014.<br>NO OF |
|-------|----------|-----|------|---|-----------|------------|-----------|------------|----------|------|----------|---------------------------------------|----------------|----------------|
| MONTH | (L.S.T.) | 0   | 1    | 2 | 3         | 4          | 5         | 6          | 7        | 8    | 9        | 10                                    | SAY COVER      | 362<br>362     |
| JAN.  | อย-ตร    | 1.6 | 11.8 |   | 7.2       | 7.9        | 3.7       | 10.3       |          | 14.6 | 20.9     | 22.1                                  | · + • 7        | 321            |
|       | 03-05    | 2.2 | 3.3  |   | 5.4       | 9.0        | 2.9       | 11.2       |          | 13.1 | 25.3     | 21.5                                  | f • 9          | 31:            |
|       | ^6-J8    |     | 2.4  |   | 5.7       | 9.9        | 6.3       | 12.3       |          | 15.0 | 29.4     | 15.9                                  | 7.4            | 33             |
|       | 79-11    |     | 2.6  |   | 3.5       | 7.3        | 6.1       | 8.3        |          | 15.7 | 37.7     | 13.8                                  | 7.8            | 31             |
|       | 12-14    |     | 1.3  |   | 3.9       | 8.1        | 6.1       | 10.4       |          | 17.2 | 33.3     | 19.7                                  | 7.7            | 303            |
|       | 15-17    |     | 4.5  |   | 4.3       | 5.8        | 6.4       | 8.9        |          | 11.3 | 39.9     | 19.7                                  | 7.6            | 326            |
|       | 16-20    | • 3 | 7.7  |   | 4.7       | 10.1       | 5.7       | 8.4        |          | 9.6  | 26.3     | 26.9                                  | 7 . 3          | 297            |
|       | 21-23    | 2.3 | 9•3  |   | 5.2       | 8.7        | 7.7       | 11.9       |          | 11.3 | 21.6     | 22.3                                  | 6.3            | 310            |
|       |          |     |      |   |           |            |           |            |          | -    |          | · · · · · · · · · · · · · · · · · · · |                |                |
|       |          |     |      |   |           |            |           |            |          |      | <u> </u> |                                       |                |                |
|       |          |     |      |   |           |            |           |            |          |      |          |                                       |                |                |
| 10    | TALS     | . 8 | 6.3  |   | 5.1       | 8.3        | 5.6       | 10.2       |          | 13.5 | 29.3     | 21.1                                  | 7.3            | 252            |

USAFETAC JUL 64 0.9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

USAF

CLIMAL CLIMATOLOGY BRANCH USAFETAC AI: WEATHER SERVICE/MAC

**SKY COVER** 

17201 LAJES AS AZ

77-81

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STATION

STAT-ON NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS |       |       |   | PERCENTAG | E FREQUENC | Y OF TENTH | IS OF TOTAL | SKY COVE | R    |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|-------|-------|-------|---|-----------|------------|------------|-------------|----------|------|------|------|-------------------|----------------|
| MONTH | (LST) | 0     | 1     | 2 | 3         | 4          | 5          | 6           | 7        | 8    | 9    | 10   | SKY COVER         | NO 04<br>085   |
| FEB   | 36-32 | 2.7   | 10.3  |   | 2.4       | ₽.6        | 3 • 8      | 12.0        |          | 12.4 | 17.9 | 29.9 | 7.0               | 29             |
|       | 73-05 | 2.0   | 7.7   |   | 7 • 1     | 3.7        | 4 - 4      | 10.1        |          | 19.5 | 15.2 | 27.3 | 7.2               | 297            |
|       | 0-08  | . 7   | 3 - 4 |   | 3.4       | 10.5       | 7.8        | 10.9        |          | 14.3 | 20.4 | 28.6 | 7.4               | 290            |
|       | 79-11 |       | . 7   |   | 3.2       | 7.5        | 6.8        | 8.9         |          | 17.8 | 29.5 | 27.4 | P.O               | 28             |
|       | 12-14 |       | 1.7   |   | 6.3       | 5.9        | 6.3        | 9.7         |          | 16.0 | 31.3 | 24.0 | 7.8               | 288            |
|       | 15-17 | . 4   | 3.2   |   | 5.0       | 7.9        | 5.7        | 7.9         |          | 15.1 | 30.5 | 24.4 | 7.6               | 27             |
| · · · | 16-20 | 1 - 1 | 4.4   |   | 5.1       | 8.4        | 6.9        | 12.8        |          | 15.0 | 20.4 | 25.9 | 7.3               | 271            |
|       | 21-23 | • 4   | 9.3   |   | 6.1       | 8.6        | 5.7        | 10.0        |          | 6.5  | 23.7 | 29.4 | 7.1               | 279            |
|       |       |       |       |   |           |            |            |             |          |      | 1    |      | •                 | · ————         |
|       |       |       |       |   |           |            |            |             |          |      |      |      |                   |                |
| 10    | TALS  | .9    | 5.1   |   | 4.8       | 7.6        | 5 . 8      | 10.2        |          | 14.6 | 23.9 | 27.1 | 7.4               | 228            |

UL DEAL CLIMATOLOGY BRANCH USAFETAC AL MEATHER SERVICE/MAC

**SKY COVER** 

17271 LAUES AR AZ

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH    | HOURS  |       |       |   | PERCENTAG | E FREQUENC | Y OF TENT | IS OF TOTAL | SKY COVE | R    |        |        | WEAN                     | 1014,        |
|----------|--------|-------|-------|---|-----------|------------|-----------|-------------|----------|------|--------|--------|--------------------------|--------------|
| MONTA    | LST    | 0     | 1     | 2 | 3         | 4          | 5         | 6           | 7        | 8    | 9      | 10     | - TENTHS OF<br>SKY COVER | %3 ⊃F<br>28√ |
| * 4.5    | ינם-טי | 2.3   | 10.6  |   | 7.9       | 7.9        | 5.3       | 6.0         |          | 10.3 | 21.9   | 27.8   | 5 • Q                    | 303          |
| <u> </u> | 13-05  | 2 • 7 | 9.8   |   | 5.7       | 9.5        | 2.4       | 9.5         |          | 13.2 | - 22.0 | 26.4   | 7.0                      | 296          |
|          | n6-08  | . 4   | 1.1   |   | 2.5       | 6.3        | 7.0       | 7.0         |          | 15.1 | 30.5   | 37.2   | e • 1                    | 285          |
|          | 09-11  |       | 1 • 4 |   | 2.1       | 2.9        | 7.5       | 11.1        |          | 17.1 | 31.1   | _6.A   | - 1                      | 2 P.1        |
|          | 12-14  |       | • 7   |   | 3.8       | 5.9        | 8.4       | 8 • 7       | -        | 12.9 | 32.8   | 26.8   |                          | 297          |
|          | 15-17  |       | 1.5   |   | 3.2       | 6.3        | 5.6       | 7.4         |          | 17.6 | 34.2   | 23.9   | ۲.۶                      | 294          |
|          | 10-20  |       | 2.5   |   | 8.0       | 10.5       | 6.9       | 9.1         |          | 10.5 | 22.5   | 30.1   | 7.4                      | 276          |
|          | 21-23  | 2.5   | 10.7  |   | ٩.1       | 10.2       | 1.8       | 7.4         |          | 10.9 | 19.6   | 28.8   | 6.8                      | 285          |
|          | +      |       |       |   |           |            |           |             |          |      |        | !      | •                        |              |
|          | !      |       |       |   |           |            |           | <del></del> |          |      |        | !<br>! | · ·                      |              |
|          |        |       |       |   |           |            |           |             |          |      |        |        | <u> </u>                 |              |
| 10       | TALS   | 1.0   | 4.7   |   | 5.2       | 7.4        | 5.6       | 8.3         |          | 13.5 | 26.8   | 27.6   | 7.5                      | 2205         |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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CLUPAL CLIMATOLOGY RRANCH USAFRTAC ATA WEATHER SERVICE/HAC

**SKY COVER** 

13201 LAJES AR AZ

73-83

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STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS         |       |       |   | PERCENTAGE | FREQUENC | Y OF TENTH | S OF TOTAL | SKY COVE | R    |      |      | MEAN                | TOTAL        |
|-------|---------------|-------|-------|---|------------|----------|------------|------------|----------|------|------|------|---------------------|--------------|
| MUNIA | (LST)         | 0     | 1     | 2 | 3          | 4        | 5          | 6          | 7        | 8    | 9    | 10   | TENTHS OF SKY COVER | NO OF<br>CBS |
| APR   | าน-อะ         | 1.1   | 4.4   |   | 4.4        | 7.7      | 4 . 4      | 7.0        | -        | 12.6 | 22.0 | 36.3 | 7.8                 | 27           |
|       | 03-05         | 1 • ņ | 4.5   |   | <b>6.0</b> | 6.3      | 4.6        | 8.8        |          | 12.7 | 17.3 | 38.0 | 7.6                 | 28           |
|       | D6-08         |       | 1 • 9 |   | 7.3        | 4.0      | 7.2        | 5.1        | -        | 6.5  | 33.3 | 38.8 | 9.3                 | 276          |
|       | n9 <b>-11</b> |       | 1.9   |   | 2.3        | 5.7      | 5 • 3      | 9.2        |          | 13.0 | 33.6 | 29.5 | 8.1                 | 267          |
|       | 12-14         |       | 2.5   |   | 3.9        | 7.5      | 6.8        | 7.9        |          | 13.3 | 33.0 | 25.1 | 7.9                 | 279          |
|       | 15-17         |       | 1.7   | - | 3.0        | 7.8      | 6.3        | 9.6        |          | 16.4 | 34.1 | 27.0 | 7.9                 | 270          |
| -     | 18-20         | . 4   | 3.4   |   | 5.3        | 7.2      | 5 • 3      | 10.6       |          | 8.5  | 29.3 | 30.4 | 7.7                 | 26.          |
|       | 21-23         | 2.2   | 5.5   |   | 3.9        | 5.9      | 6.3        | 6.3        |          | 6.6  | 22.9 | 35.4 | 7.4                 | 27           |
|       |               |       | -     |   |            |          |            |            |          |      |      |      |                     | ····         |
|       |               |       |       |   |            |          |            |            |          |      |      |      | !                   |              |
| TO    | TALS          | .7    | 3 . 3 |   | 4 • 6      | 6.5      | 5.8        | a.1        |          | 10.4 | 28.2 | 32.5 | 7.5                 | 217          |

GLICAL CLIMATOLOGY PRANCH USAFETAC AT - WEATHER SERVICE/MAC

**SKY COVER** 

17201 LAUFS AR AD

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS           |     |                  |               | PERCENTAG    | E FREQUEN | CY OF TENTH | S OF TOTAL | SKY COVE    | R    |      |      | MEAN<br>TENTHS OF | 1014.<br>NO OF |
|-------|-----------------|-----|------------------|---------------|--------------|-----------|-------------|------------|-------------|------|------|------|-------------------|----------------|
| MONTH | (L.S.T.)        | 0   | 1                | 2             | 3            | 4         | 5           | 6          | 7           | 8    | 9    | 10   | SAY COLER         | ○Bs            |
| ¥ & ¥ | nu=02           | 4.0 | 9.4              |               | Ģ <b>,</b> 4 | 7.6       | 5 • A       | 11.6       |             | 10.° | 15.5 | 26.4 | 4.5               | 27             |
|       | ^; <b>-</b> .15 | 2.5 | 7.7              |               | 8.4          | 10.9      | 7.4         | 8 • 4      |             | 10.c | 22.1 | 22.5 | · . 7             | 28             |
|       | ^6 <b>-</b> 38  |     | 3 • <sup>□</sup> |               | ₹.8          | 7.0       | a.7         | 6.3        |             | 12.0 | 38.5 | 18.9 | 7.6               | 28             |
|       | 79-11           |     | 2• *             |               | 5.8          | 7.2       | 9.0         | 11.2       |             | 13.7 | 32.9 | 17.7 | 7.4               | 27             |
| ·     | 12-14           |     | 5.1              |               | 6.9          | 6.2       | 12.7        | 10.5       |             | 13.0 | 32.6 | 13.0 | 7.1               | 27             |
|       | 15-17           | -   | 3.5              |               | 3.0          | 11.1      | 10.4        | 9.2        |             | 14.2 | 29.1 | 14.5 | 7.7               | 28             |
|       | 13-20           |     | 3.5              |               | 5.6          | 9.9       | 9.5         | 7.7        |             | 14.8 | 29.6 | 19.4 | 7.3               | 28             |
|       | 21-23           | 2.6 | 11.7             |               | 7.0          | 10.6      | 5.5         | 8.4        |             | 13.9 | 16.8 | 23.4 | 5.5               | 27             |
|       |                 |     |                  |               |              |           |             |            |             |      | !    | i    |                   |                |
|       |                 |     |                  |               |              |           |             |            |             |      |      |      |                   |                |
|       | TALS            | 1.1 | 5.8              | — <u>————</u> | 6.9          | 8.8       | 8.6         | 9.2        | <del></del> | 13.0 | 27.1 | 19.5 | 7.0               | 224            |

GLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

**SKY COVER** 

13271 LAUES AR AZ

73-63

JUN

STATION

STATION NAME

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W.J.N.#

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS          |       |       |   | PERCENTAG | E FREQUENC | Y OF TENTH | S OF TOTAL | SKY COVE | R    |      |      | MEAN TENTHS OF | 1014.<br>NO OF |
|-------|----------------|-------|-------|---|-----------|------------|------------|------------|----------|------|------|------|----------------|----------------|
| MUNIH | (L.S.T.)       | 0     | 1     | 2 | 3         | 4          | 5          | 6          | 7        | 8    | 9    | 10   | SKY COVER      | C#S            |
| J 34. | 00 <b>-</b> 02 | 4 • 1 | 15.9  |   | 4.5       | 5.6        | 4.5        | 7.9        |          | 5.6  | 18.4 | 33.5 | 4.7            | 26             |
|       | 23-05          | . 4   | 7.5   |   | 5 • 3     | 6.1        | 7.2        | 5.7        |          | 13.7 | 16.7 | 37.3 | 7.5            | 26             |
|       | ೧೯-08          | . 4   | 4.3   |   | 4.3       | 7.5        | 4.6        | 7.5        |          | 8.6  | 32.5 | 30.4 | 7.5            | 28             |
|       | Cy-11          |       | 3.5   |   | 3.1       | 6.7        | 7.7        | 6.7        |          | 12.7 | 30.6 | .4.6 | 7.5            | 2.9            |
|       | 12-14          |       | 4 • 1 |   | 8+2       | 6.4        | 6.0        | 13.9       |          | 15.4 | 26.6 | 19.5 | 7.2            | 26             |
|       | 15-17          |       | 4 • 1 |   | 7.0       | 10.0       | 10.0       | 8.5        |          | P.5  | 29.2 | 22.9 | 7.2            | 27             |
|       | 10-20          | • 4   | 5.7   |   | 9.3       | 10.3       | 6.8        | 6.8        |          | 12.2 | 25.8 | 22.9 | 7.1            | 27             |
|       | 21-23          | 3.7   | 15.4  |   | 9.2       | 6.2        | 4.8        | 7.3        |          | 10.6 | 13.9 | 28.9 | 6.4            | 27             |
|       |                |       |       |   |           |            |            |            |          |      |      |      |                |                |
|       |                |       |       |   |           |            |            |            |          |      |      |      |                |                |
| 10    | TALS           | 1.1   | 7.6   |   | 7.0       | 7 • 3      | 6.4        | 8.0        |          | 10.5 | 24.2 | 27.5 | 7.2            | 218            |

ULITAL CLIMATOLOGY RRANCH USBECTAC AI: WEATHER SERVICE/MAC

**SKY COVER** 

13291

LAUES AS AZ

73-83

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### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |        |      |   | PERCENTAG | E FREQUEN | CY OF TENT | HS OF TOTAL | SKY COVE | R    |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|----------|--------|------|---|-----------|-----------|------------|-------------|----------|------|------|------|-------------------|----------------|
| MONTH | (L.S.T.) | 0      | 1    | 2 | 3         | 4         | 5          | 6           | 7        | 8    | 9    | 10   | SKY COVER         | JB5            |
| JOL   | 00-00    | ង់ • ដ | 18.5 |   | 5.8       | 7.5       | 7.3        | 9.7         |          | 8.7  | 17.1 | 17.8 | ٠.6               | 27             |
|       | 03-05    | 1.8    | 14.7 |   | 9.9       | 8.8       | 8.5        | 7.4         |          | 11.2 | 15.1 | 22.1 | €.2               | 27             |
|       | 06-08    | . 4    | 9.5  |   | 5.9       | 11.8      | 5.2        | 5.9         |          | 11.8 | 37.6 | 19.8 | 4,3               | 27             |
|       | 09-11    |        | 6.0  |   | 9.0       | 13.9      | 6.7        | 10.1        |          | 15.3 | 26.5 | 12.7 | 4.7               | 26             |
|       | 12-14    |        | 6.9  |   | a.c       | 12.4      | 10.2       | 10.2        |          | 19.€ | 23.6 | 9.1  | 6.5               | 27             |
|       | 15-17    |        | 9.7  |   | 17.8      | 9.7       | 12.3       | 9.3         |          | 13.4 | 24.9 | 13.7 | 1.3               | 26             |
|       | 10-20    | . 4    | 15.6 |   | 9.8       | 9.5       | 9.5        | 6.5         |          | 15.3 | 23.6 | 9.8  | ۸.۵               | 27             |
|       | 21-23    | 5.9    | 18.1 |   | 8.1       | 9.6       | 5.2        | 9.6         |          | 11.5 | 14.1 | 17.8 | 5.6               | 27             |
|       |          |        |      |   |           |           |            |             |          |      |      |      |                   |                |
|       |          |        |      |   |           |           |            |             |          |      |      |      |                   |                |
| 10    | TALS     | 2 • 1  | 12.4 |   | 3.4       | 10.4      | 8 • 1      | 8.5         |          | 13.4 | 21.9 | 14.8 | 4.2               | 217            |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

JUL 64 0-7-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

SELTAL CLIMATOLOGY SPANCH USAFETAC AIR WEATHER SERVICE/MAC

**SKY COVER** 

13201 LAJES AR AZ

73-60

STATION

STATION NAME

PERIOD

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH       | HOURS    |      |      |                 | PERCENTAG | E FREQUENC | Y OF TENTH | IS OF TOTAL | SKY COVE | R    |      |      | MEAN<br>H TENTHS OF | TOTAL        |
|-------------|----------|------|------|-----------------|-----------|------------|------------|-------------|----------|------|------|------|---------------------|--------------|
| MONIH       | (LST)    | 0    | 1    | 2               | 3         | 4          | 5          | 6           | 7        | 8    | 9    | 10   | SKY COVER           | NO OF<br>OBS |
| AUC         | 6u-02    | 15.2 | 19.2 |                 | 9.1       | 9.4        | 5.4        | 5.1         |          | 10.9 | 12.3 | 13.4 | 4.7                 | 276          |
|             | nu-05    | 9.9  | 23.0 |                 | 11.0      | 7.1        | 5.7        | 9.6         |          | 7.8  | 14.9 | 11.0 | 4.9                 | 283          |
|             | 16-08    | . 7  | 14.7 | · · · · · · · · | 9.8       | 11.9       | 8.4        | 6.6         |          | 17.1 | 21.7 | 9.1  | 6.3                 | 286          |
|             | C9-11    |      | 6.8  |                 | 12.9      | 14.9       | 11.8       | 8.7         |          | 14.8 | 24.7 | 5.3  | 6.1                 | 26.          |
| · · · · · · | 1 < - 14 |      | 7.5  |                 | 13.3      | 14.7       | 11.1       | 12.9        |          | 14.3 | 20.1 | 6.8  | 6.0                 | 271          |
|             | 15-17    |      | 9.2  |                 | 13.3      | 15.5       | 11.ºR      | 8.9         |          | 15.1 | 19.6 | 6.6  | 5.9                 | 271          |
|             | 18-20    | 1.1  | 15.6 |                 | 11.8      | 12.5       | 8.9        | 12.2        |          | 8.9  | 20.7 | 7.4  | r • 5               | 271          |
|             | 21-23    | 11.1 | 25.2 |                 | 9.9       | 10.7       | 6.5        | 8.0         |          | 6.1  | 12.2 | 10.3 | 4.4                 | 262          |
|             |          |      |      |                 |           |            |            |             |          |      |      |      |                     |              |
| <del></del> |          |      |      | ··              |           |            |            |             |          |      |      |      |                     |              |
| TO          | TALS     | 4.8  | 15.3 |                 | 11,4      | 12.0       | 8.7        | 9.0         |          | 11.9 | 18.3 | 3.7  | 5.4                 | 219          |

ULUFAL CLIMATOLOGY PRANCH USAFETAC AIC WEATHER SERVICEZMAC

**SKY COVER** 

17201

LAJES AS AZ

73-80

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STA" ON NAME

MONTH.

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS |              |      |             | PERCENTAG | E FREQUENC | Y OF TENTH | IS OF TOTAL | SKY COVE    | R    |      |      | MEAN TENTHS OF | TOTAL<br>NO OF |
|-------|-------|--------------|------|-------------|-----------|------------|------------|-------------|-------------|------|------|------|----------------|----------------|
| MONTH | LST   | 0            | 1    | 2           | 3         | 4          | 5          | 6           | 7           | 8    | 9    | 10   | SKY COVER      | NO 3F          |
| , · p | 55-02 | 5 <b>. 4</b> | 16.7 |             | 9.1       | 9.9        | 5.3        | 7.6         |             | 9.1  | 19.6 | 15.2 | r.5            | 26             |
|       | 13-55 | я.4          | 16.3 |             | 8.0       | 12.9       | 6.1        | 7.6         |             | 10.6 | 14.8 | 15.2 | 5.4            | 26             |
|       | ∩6-38 | 1 • 2        | 10.4 |             | 6.9       | 10.3       | 7.7        | 11.2        |             | 14.2 | 24.6 | 13.1 | 6.5            | 26             |
|       | 09-11 |              | 6.8  |             | 9.1       | 12.5       | 6.8        | 14.1        |             | 19.3 | 22.4 | 9.9  | 6.5            | 26             |
|       | 12-14 |              | 5•0  | _,          | 10.7      | 15.7       | 9.6        | 11.1        |             | 17.2 | 20.3 | 17.3 | €.4            | 26             |
|       | 15-17 | . 4          | 8.3  |             | 8.8       | 13.4       | 9.5        | 13.4        |             | 13.7 | 23.3 | 9.5  | r . 3          | 26.            |
|       | 10-20 | 1.2          | 10.9 | •           | 12.1      | 9.3        | 7.8        | 12.5        |             | 15.6 | 19.5 | 11.3 | 6.1            | 25             |
|       | 21-23 | 7.7          | 18.5 |             | 5.8       | 9.6        | 9.2        | 6.9         | · · · · · · | 9.6  | 13.1 | 16.5 | 5 . 3          | 26             |
|       |       |              |      |             |           |            |            |             |             |      |      |      | i              |                |
|       |       |              | -    |             |           |            |            |             |             |      |      |      |                |                |
| 10    | TALS  | 3 • 4        | 11.6 | <del></del> | ₹.2       | 11.9       | 7.8        | 10.6        |             | 13.5 | 19.6 | 12.6 | 5.0            | 208            |

GLUEAL CLIMATOLOGY BRANCH USAFETAC AIG WEATHEM SERVICE/MAC

**SKY COVER** 

13201 LAJES AR AZ

73-80

100

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STATION

STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS    |     |       |        | PERCENTAG | E FREQUEN | CY OF TENTH | IS OF TOTAL | SKY COVE | R    |      |      | MEAN TENTHS OF | TOTAL<br>NO OF |
|--------|----------|-----|-------|--------|-----------|-----------|-------------|-------------|----------|------|------|------|----------------|----------------|
| MONTH. | (L.S.T.) | 0   | 1     | 2      | 3         | 4         | 5           | 6           | 7        | 8    | 9    | 10   | SKY COVER      | NO OF<br>○BS   |
| CCT    | 00-02    | 1.5 | 11.9  |        | 6.7       | 12.2      | 6.3         | 8.9         |          | 11.5 | 18.1 | 23.0 | 1.5            | 2 <b>7</b> 0   |
|        | 23-05    | 2.3 | 13.1  |        | 8.1       | 9.6       | 5.0         | 12.7        |          | 14.6 | 19.5 | 16.2 | 6.2            | 260            |
|        | 76-08    | . 4 | 3 • 3 |        | 6.6       | 9.5       | 8.8         | 6.6         |          | 16.8 | 32.1 | 16.1 | 7.3            | 274            |
|        | r9-11    | •   | 2.5   |        | 6.1       | 8.2       | 5.7         | 12.9        |          | 19.7 | 29.4 | 15.4 | 7.4            | 279            |
|        | 12-14    |     | 2.2   |        | 3 . 3     | 12.7      | 7.3         | 13.5        |          | 16.1 | 31.8 | 13.9 | 7.3            | 274            |
|        | 15-17    | •   | 4 • 1 |        | 3.0       | 8.2       | 13.1        | 11.2        |          | 16.1 | 30.3 | 13.9 | 7.2            | 267            |
|        | 16-20    | -   | 9.9   |        | 9.2       | 11.7      | 5.5         | 8.8         |          | 13.0 | 20.5 | 20.5 | 6.7            | 273            |
|        | 21-23    | 2.1 | 8.6   |        | 8.6       | 10.4      | 7.5         | 8.6         |          | 10.0 | 20.7 | 23.6 | 6.7            | 280            |
|        |          |     |       |        |           |           |             |             |          |      |      |      |                |                |
|        |          |     |       |        |           |           |             |             |          |      |      |      |                |                |
| TO     | TALS     | • 9 | 7.0   | ······ | 6.5       | 10.2      | 7.4         | 10.4        |          | 14.8 | 25.2 | 17.5 | 6.9            | 2177           |

SLEFAL CLIMATOLOGY BRANCH US AFETAC AIR WEATHER SERVICE/MAC

**SKY COVER** 

13201 LAUES AR AZ

73-80

400

STATION

STATION NAME

PER: OD

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### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |       |       |             | PERCENTAGE | FREQUENC | CY OF TENTH | IS OF TOTAL | SKY COVE    | R    |      |      | MEAN      | TOTAL        |
|-------|----------|-------|-------|-------------|------------|----------|-------------|-------------|-------------|------|------|------|-----------|--------------|
| MONTH | (L.S.T.) | 0     | 1     | 2           | 3          | 4        | ٥           | 6           | 7           | 8    | 9    | 10   | SKY COVER | NO OF<br>OBS |
| NOV   | 00-02    | 2 • 3 | 6 • 8 |             | 8.7        | 6.5      | 5.7         | 8.0         |             | 13.3 | 19.C | 29.7 | 7.1       | 263          |
|       | 03-05    | 2.6   | 7 • 1 |             | 3.8        | 9.0      | 7.5         | 6.0         |             | 15.4 | 19.2 | 29.9 | 7.2       | 266          |
|       | 76+08    | .4    | 2.9   |             | 5.0        | 5 . 8    | 7.6         | 9.7         |             | 12.9 | 29.1 | 26.6 | 7.7       | 278          |
|       | 09-11    |       | 4.5   |             | 2.6        | 7.1      | 8 • 2       | 9.0         |             | 10.8 | 32.8 | 25.0 | 7.7       | 268          |
|       | 12-14    |       | 2.7   |             | 4.2        | 7.3      | 10.0        | 6.5         | _           | 13.1 | 30.0 | 26.2 | 7.7       | 260          |
| ,     | 15-17    |       | 3.5   |             | 3.1        | 6.2      | 13.4        | 8.8         |             | 11.2 | 33.1 | 23.8 | 7.7       | 260          |
| -     | 18-20    | . 4   | 5.0   | <u> </u>    | 7.6        | 9.2      | 7.3         | 10.7        |             | 10.7 | 20.2 | 29.0 | 7.2       | 262          |
|       | 21-23    | 1.5   | 8.8   |             | 7.3        | 8.1      | 4.2         | 10.0        |             | 10.4 | 21.5 | 28.1 | 7.0       | 260          |
|       |          |       |       |             |            |          |             |             | _           |      |      |      |           |              |
|       |          |       |       |             |            |          |             |             | <del></del> |      |      |      |           |              |
| τo    | TALS     | • 0   | 5.2   | <del></del> | 5.3        | 7.4      | 7.6         | 8.6         |             | 12.3 | 25.6 | 27.2 | 7.4       | 211          |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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GLIGAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

**SKY COVER** 

13201 - LAJES AS AZ

73-80

STATION

STATION NAME

DEC W\_NTH

#### - PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS    |     |       |   | PERCENTAGE | FREQUEN | CY OF TENTH | HS OF TOTAL | SKY COVE | R    |      |      | I MEAN<br>→ TENTHS OF | TOTAL |
|-------|----------|-----|-------|---|------------|---------|-------------|-------------|----------|------|------|------|-----------------------|-------|
| MONTH | (L.S.T.) | 0   | 1     | 2 | 3          | 4       | 5           | 6           | 7        | 8    | 9    | 10   | SKY COVER             | NO OF |
| DEC   | 55-52    | 1.1 | 7.5   |   | 4.9        | 7.9     | 6.0         | 14.6        |          | 12.4 | 20.2 | 25.5 | 7.1                   | 26    |
|       | 03-05    | 1.1 | 9.3   |   | 5 • 6      | 8.5     | 3.7         | 8.9         |          | 15.2 | 22.6 | 25.2 | 7.1                   | 271   |
|       | 06-08    |     | 5.0   |   | 4.6        | 8.9     | 5.3         | 9.6         |          | 17.1 | 27.8 | 21.7 | 7.4                   | 28    |
|       | P9-11    | . 4 | 3.0   |   | 2.2        | 7.4     | 8.6         | 9.7         |          | 12.6 | 32.3 | 23.8 | 7.7                   | 26    |
|       | 12-14    |     | . 7   |   | 2.2        | 5.6     | 10.1        | 9.4         |          | 16.5 | 31.5 | 24.0 | 7.9                   | 26    |
|       | 15-17    |     | 2.3   |   | 3.4        | 7.6     | 4.2         | 9.1         |          | 12.9 | 40.9 | 19.7 | 7.9                   | 26    |
|       | 16-20    | . 4 | 3.5   |   | 6.2        | 9.7     | 4.7         | 12.0        |          | 18.6 | 20.2 | 24.8 | 7.3                   | 25    |
|       | 21-23    | 1.5 | 7.3   |   | 7.3        | 8.4     | 4.4         | 11.6        |          | 14.9 | 24.7 | 20.0 | 7.0                   | 27    |
|       |          |     |       |   |            |         |             |             |          |      |      |      |                       |       |
|       |          |     |       |   |            |         |             |             |          |      |      |      |                       |       |
| τo    | TALS     | • 6 | 4 • 8 | · | 4.6        | 8.0     | 5.9         | 10.6        |          | 15.0 | 27.5 | 23.1 | 7.4                   | 215   |

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

SLIMAL CLIMATOLOGY BRANCH USAFETAC AT WEATHER SERVICE/MAC

**SKY COVER** 

13201 LAJES AN AZ

73-81

ALL

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |       |       |   | PERCENTAG | E FREQUENC | Y OF TENTH | IS OF TOTAL | SKY COVE | R    |      |      | MEAN                | TOTAL        |
|-------|----------|-------|-------|---|-----------|------------|------------|-------------|----------|------|------|------|---------------------|--------------|
| MONIH | (L.S.T.) | 0     | 1     | 2 | 3         | 4          | 5          | 6           | 7        | 8    | 9    | 10   | TENTHS OF SKY COVER | NO OF<br>UBS |
| μΔ١   | ALL      | • 5   | 6.0   |   | 5 • 1     | 8.3        | 5.6        | 10.2        |          | 13.5 | 29.3 | 21.1 | 7.3                 | 2521         |
| FEB   |          | • 9   | 5.1   |   | 4.8       | 7.6        | 5.8        | 10.2        |          | 14.6 | 23.9 | 27.1 | 7.4                 | 2283         |
| ×Δ;.  |          | 1.3   | 4.7   |   | 5.2       | 7.4        | 5.6        | 8.3         |          | 13.5 | 26.8 | 27.6 | 7.5                 | 2295         |
| AFF   |          | . 7   | 3 • 3 |   | 4.6       | 6.5        | 5.8        | 8.1         |          | 10.4 | 28.2 | 32.5 | 7.6                 | 217          |
| MAY   |          | 1.1   | 5.8   | - | 6.9       | 8.8        | 8.6        | 9.2         |          | 13.0 | 27.1 | 19.5 | 7.0                 | 2247         |
| Jun   |          | 1 • 1 | 7.6   |   | 7.0       | 7.3        | 6.4        | 8.0         |          | 10.9 | 24.2 | 27.5 | 7.2                 | 2183         |
| JUL   |          | 2.1   | 12.4  |   | 8.4       | 10.4       | 8.1        | 9.5         |          | 13.4 | 21.9 | 14.5 | 6.2                 | 2175         |
| AUC   |          | 4 • 8 | 15.3  |   | 11.4      | 12.0       | 8 • 7      | 9.0         |          | 11.9 | 18.3 | 3.7  | 5 • 4               | 2190         |
| SFP   |          | 3.4   | 11.6  |   | 9.2       | 11.8       | 7.8        | 10.6        |          | 13.5 | 19.6 | 12.6 | 6.0                 | 2089         |
| OCT   |          | • 8   | 7.0   |   | 6.5       | 10.2       | 7.4        | 10.4        |          | 14.8 | 25.2 | 17.8 | 6.9                 | 2177         |
| NOV   |          | . 9   | 5.2   |   | 5.3       | 7.4        | 7.6        | 8.6         |          | 12.3 | 25.6 | 27.2 | 7.4                 | 2117         |
| DEC   |          | •6    | 4.3   |   | 4.6       | 8.3        | 5.9        | 10.6        |          | 15.0 | 27.5 | 23.1 | 7.4                 | 2151         |
| 10    | TALS     | 1.5   | 7.4   |   | 6.6       | 8.9        | 6.9        | 9.3         |          | 13.1 | 24.8 | 21.6 | 7.0                 | 25606        |

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART E

#### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative bumidity. The order and manner of presentations follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month
  and annual for all years combined. These tabulations provide the cumulative percentage frequency to
  tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and
  total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperstures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from fourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from nourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Talues for means and standard deviations do not include measurements for incomplete menths.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

  This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
    - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
  - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations  $(\sigma X)$ . The number of observations used in the computation for each element is also shown.
  - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
    - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

LIFAL CLIMATOLDCY PRANCH TREETAC ATT WEATHER SERVICE/MAC 17201 LAUES AS AZ STATION NAME

#### **DAILY TEMPERATURES**

44-81

YEARS

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MAXIMUM

| TEA | AP (*F.      | JAN   | FEB.   | MAR.  | APR   | MAY   | JUN.  | JUL   | AUG     | SEP           | OCT.    | NOV   | DEC   | ANNUAL |
|-----|--------------|-------|--------|-------|-------|-------|-------|-------|---------|---------------|---------|-------|-------|--------|
|     | ξĒ.          |       |        |       |       |       |       | • 1.  |         | • 1.          |         |       | _     | • ;    |
|     | ۵,-          |       |        |       |       |       | • 2,  | 7.1.  | 17.4    | <b>6 •</b> €. | • 4,    |       | -     | 2.8    |
|     | 7 5          |       |        |       |       | • 9.  | 12.5  | 45.0  | 71.3    | 51.9          | 10.4    | • 5,  | _     | 10.1   |
|     | 7 📜          | • 2,  |        | • 9.  | 2.3   | 16.8  | 56.9  | 93.9  | 98.8    | 93.4          | 55 . 1. | 12.2  | 1.7   | 36.    |
|     | 4.5          | 15.5  | 11.5   | 18.5  | 32.9  | 66.9  | 96.0  | 100.0 | 100,0   | 100.0         | 94.9    | 62.2  | 33.4  | 61.    |
|     | <b>6</b> , 7 | 73.1  | 66.2   | 74.4  | 90.3  | 98.9  | 100.0 |       |         |               | 130.0   | 97.3  | 34.9  | 3      |
|     | <b>5</b> 5   | 27.7  | 97.3   | 98.9  |       | 110.0 | •     | •     | •       | ,             |         | 100.0 | 99.6  | 99.    |
|     | 10 [         |       | 100.0  |       |       |       |       | •     |         |               |         |       | 100.0 | 100.   |
|     | -            | •     |        |       |       |       |       |       |         |               |         |       |       |        |
|     | -            |       |        |       |       |       |       |       |         |               |         |       | _     |        |
|     |              |       |        |       |       |       |       |       |         |               |         |       | -     |        |
|     |              |       |        |       |       |       |       |       |         |               |         |       | _     |        |
|     |              | •     |        |       |       |       |       |       |         |               |         |       | _     |        |
|     |              |       |        |       |       |       |       |       |         |               |         |       |       |        |
|     | -            |       |        |       |       |       |       |       |         |               |         |       |       |        |
|     |              |       |        |       |       |       |       |       |         |               |         |       | _     |        |
|     |              |       |        |       |       |       |       |       |         |               |         |       | _     |        |
|     |              |       |        |       |       |       |       |       |         |               |         |       | _     |        |
|     | _            |       |        |       |       |       | _     |       |         |               |         |       | _     |        |
|     |              |       |        |       |       |       |       |       |         |               |         | _     | _     |        |
|     |              |       |        |       |       |       |       |       |         |               |         |       | _     |        |
|     |              |       | ·      |       |       | Ţ     | Ĭ.    |       |         |               |         |       | -     |        |
|     | -            | •     |        | ·     |       |       |       |       |         | · ·           |         | ·     | -     |        |
|     | •            | •     | •      | •     | •     | - ·   |       | •     | •       | •             | •       | •     | -     |        |
|     | •            | •     | •      | •     | •     |       | *     |       | •       | •             | •       | •     | -     |        |
|     | *            | •     | •      | •     |       |       |       |       | •       | •             | •       | •     | -     |        |
|     | **           | •     | +      | - •   | •     |       |       |       |         | •             | •       | •     | -     |        |
|     | •            | •     | •      | •     |       |       |       |       |         | •             | •       | •     | •     |        |
|     | •            | •     | •      | •     |       | +     | +     |       | •       | •             | •       | •     | -     |        |
|     | •            | •     | •      | •     |       |       |       | •     | •       | •             | •       | •     | -     |        |
|     | •            | •     | •      | •     | +     |       |       | •     | •       | +             | •       | •     | •     |        |
|     | -            | •     | •      | ٠     |       |       |       |       | •       | •             |         | •     | -     |        |
|     | -            | •     | •      | •     | +     |       |       | •     |         | +-            | •       | •     | •     |        |
|     | -            | •     | •      | •     | +     |       |       |       | · · · • |               | •       | •     | -     |        |
|     | -            | •     | •      | •     | +     |       |       |       |         |               | •       | •     | ••    |        |
| ٨   | MEAN *       | 61.3  | 6 1. 7 | 61.6  | 63.1  | 56.1  | 73.3  | 74.2  | 76.3    | 74.6          | 70.0    | 65.7  | 62.9  | 67.    |
|     | 5. D         | 3.174 | 3.283  | 3.241 | 3.113 |       |       | 3.350 |         | 3.301         |         |       |       | 0.31   |
|     | AL OBS       | 1147  | 1016   | 1115  | 1080  | 1116  | 1069  | 1116  | 1116    | 1080          | 1147    | 1080  | 1116  | 1319   |

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURE!

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STATION NAME

44-91

YEARS

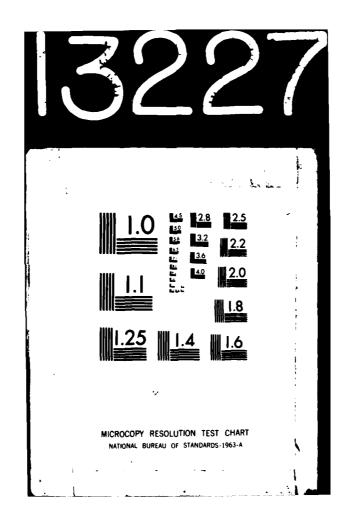
# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSER\*ATIONS)

\*\*INI\*\*\*

|   | TEMP (*F. | JAN        | FEB   | MAR   | APR        | MAY      | JUN                       | JUL    | AUG   | StP     | OCT       | NOV     | DEC   | ANNUAL |
|---|-----------|------------|-------|-------|------------|----------|---------------------------|--------|-------|---------|-----------|---------|-------|--------|
|   | 1         |            |       |       |            |          |                           |        | . 4.  | • 2.    |           |         |       |        |
|   | 7         |            |       |       |            |          | • t.                      | 5 . 2. | 14.7. | .9 و ذ  | 1.5       | • 1     | _     | 2.     |
|   | 65        | •          | •     | •     | • ì.       | 1.3      | 15.2                      | 49.Q.  | 66.6. | 5L • 6. | 23.3      | c • 7   | 1.1.  | 17.    |
|   | _         | 9.6        | 4     | 7.3   | 7.5.       | 26.1     | 65.5                      | 94.5.  | 94.1. | 89.2.   | 65.7.     | 39.9.   | 17.7  | 43     |
|   | 1.6       | 42.7       | 3     | 39.3  | 54.6       | 75.3.    | 22.2.                     | 99.9.  | 99.9. | 99.1.   | 94 1      | 79.4    | 65.7  | 73     |
|   | 5 E       | ₹1.6       | 76.3  | 81.4  | 91.0       | 97.1     |                           | 100.0  |       |         | 99.1      | 96.4    | 94.3  | 32     |
|   | 45        | 96.4       | 94.0  | 98.4  |            | 100.0    |                           | AVBIO, |       | EDUID.  | 150.0     | 100.4   | 98.9  | 25     |
|   | 4.        | 100.0      |       | 100.0 |            | 10210.   | T AM L II                 | •      | •     | •       | T. O. C.  | IUU PU, | 100.5 | 130    |
|   | ¬ -       | 1 - 4 + 4, | 1001Q | TARA  | 7 7 7 4 0° | •        |                           | •      | •     | •       | •         | •       | 136.0 | 100    |
|   |           | •          | •     | •     | •          |          | •                         | •      |       | •       | •         |         | -     |        |
|   | -         | •          |       | •     |            |          | •                         |        | ,     | •       |           |         | -     |        |
|   | -         |            |       |       |            |          | •                         | •      | •     |         | •         |         | -     |        |
|   | -         | •          |       |       |            |          |                           |        |       |         |           |         | -     |        |
|   |           | •          |       |       |            | •        |                           |        |       |         |           |         | -     |        |
|   |           | •          |       |       |            |          |                           |        |       |         |           |         | -     |        |
|   | -         |            |       |       |            |          | •                         |        |       |         |           |         | -     |        |
|   |           |            |       |       |            |          |                           |        |       |         |           |         | _     |        |
|   | _         |            |       |       |            |          |                           |        |       |         |           |         | _     |        |
|   | -         |            |       |       |            |          |                           |        |       |         |           |         | -     |        |
|   |           |            |       |       |            |          |                           |        |       |         |           |         | _     |        |
|   | _         |            |       | _     |            |          |                           |        |       |         |           |         | _     |        |
|   | _         |            |       |       |            |          |                           |        |       |         | ·         | •       |       |        |
|   | _         | _          |       | ·     |            |          | ·                         | -      |       | ·       | ·         | •       |       |        |
|   | -         | •          | •     | •     | •          |          | •                         | •      | •     | •       | •         | •       | •     |        |
|   | *         | •          | •     | •     | •          | •        | •                         | •      | •     | •       | •         | •       | -     |        |
|   | *         | •          | •     | •     | •          |          | •                         |        | •     | •       | •         | •       | -     |        |
|   | •         | •          | •     | •     | +          | +        | - •                       | •      | •     | •       | •         | •       | -     |        |
|   | •         | •          | •     | •     | - +        |          |                           | •      | •     | •       | -         | •       | •     |        |
|   | -         |            | •     | •     | •          | •        |                           |        | •     | •       | •         | •       | -     |        |
|   | -         | •          | •     | •     | +          | •        |                           | +-     | •     | •       | •         | •       | -     |        |
|   | •         | •          | •     | •     | •          |          |                           |        | •     | •       | •         |         | •     |        |
|   | •         | •          | •     | •     | +          |          |                           | - •    | •     |         | •         | •       | •     |        |
|   | -         | •          | •     | •     | •          |          | ··· · · · · · · · · · · • | •      |       | •       | **        | •       | -     |        |
|   | -         |            | •     | •     | . •        |          |                           | •      | •     | •       | •         |         | -     |        |
|   | -         | •          |       | •     | •          |          |                           |        |       |         |           | •       | -     |        |
|   | -         |            | •     |       |            | - •      |                           |        | •     | •       | •         |         | •-    |        |
|   | MEAN *    | 53.4       | 52.4  | 53.2  | 54.5       | E. 6 . 2 | 61.6                      | 64.2   | 65.0  | 64.5    | 61.3      | 53.1    | 55.4  | 53     |
|   | 5 D **    | 4.506      | 4.576 | 4.150 | 3.668      | 3.749    | 3.973                     |        | 3.780 | 4.025   | 4 . 3 1 . | 4.551   | 4.561 | 5 • 1  |
| 1 | TOTAL OBS | 1147       | 1016  | 1116  | 1080       | 1116     | 1069                      | 1116   | 1116  | 1480    | 114       | 1383    | 1116  | 1319   |

USAFETAC FORM 0.21.5 (OL. 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 LAUES AB, AZORES, REVISED UNIFORM SUMMARY OF SURFACE MEATHER OB--ETC(U) AD-A113 227 NOV 81 UNCLASSIFIED USAFETAC/DS-81/103 S81-AD-E850 143 NL 4 - 5



U. AL CLIMATOLONY BRAICH
THE TAC

AT REATHER SERVICE MAC
17371 LAUES AT AZ
STATION NAME

**DAILY TEMPERATURES** 

44-81

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

| TEA | MP (*F) | JAN    | FEB      | MAR.  | APR.          | MAY          | JUN.                                  | JUL         | AUG     | SEP              | OCT             | NOV   | DEC   | ANNUAL |
|-----|---------|--------|----------|-------|---------------|--------------|---------------------------------------|-------------|---------|------------------|-----------------|-------|-------|--------|
|     |         |        |          |       |               | ····         |                                       |             |         | , 1.             |                 |       |       | •      |
|     | 75      |        | •        | •     | •             |              | • 2                                   | 5.0         | 13.6    | 7.7              | . 4             | •     | -     | 2.     |
|     | 7.      |        | •        | •     | •             | • 4          | 10.8                                  | 47.6        | 73.4    | 52.5             | 15.3            | 1.3   | -     | 16.    |
|     |         | . , ,  | ;        |       | •             |              | _ *                                   |             |         |                  |                 |       |       | 39.    |
|     |         | 2.3    | • 3.     | 1 . 3 | 30,           | 10.1         | 62.1                                  | 95.6.       | 98.8    | 95.4             | 64 • 3          | 25.8  | 6 • 5 |        |
|     | ≛ # □ . | . 29•4 | 2 . 1    | 30.4  | 43.7          | 76 • C       | 06.4                                  | 100.0       | 100 • a | 99.9.            | 96 • 9          | 76.6  | 48.7  | 68.    |
|     | - 5     | 79.9   | 74.7     | 81.5  | 03.1          |              | 100.0                                 |             |         | 100•C,           | 100.0           | 98.5  |       | 93.    |
|     | 6, 5    | 99.3   | ધમુ•1    | 99.6  | 99.8          | 100.0        |                                       |             |         |                  |                 | 100.5 | 99.9  | 99.    |
|     | 4       | 175•∂  | 177.5    | 100.0 | 170.0         |              |                                       |             |         |                  |                 |       | 100.0 | 100.   |
|     | •       |        |          |       | •             | •            | •                                     | •           | •       | •                | •               | •     |       |        |
|     | •       |        | •        | •     | •             | •            | •                                     | •           | •       | •                | •               | •     | -     |        |
|     |         |        | •        | •     | •             | •            |                                       | •           | •       | •                | •               |       | -     |        |
|     |         |        |          |       |               | •            |                                       |             | •       |                  | •               |       |       |        |
|     |         |        |          |       |               |              |                                       |             |         |                  |                 |       | -     |        |
|     |         |        |          |       |               |              |                                       |             |         |                  |                 |       |       |        |
|     |         |        |          |       |               |              | _                                     | _           |         | _                | _               |       | _     |        |
|     | •       | •      | •        |       |               |              |                                       |             |         |                  |                 |       |       |        |
|     | •       | •      | •        | •     | •             | •            | •                                     | •           | •       | •                | •               | •     | -     |        |
|     | •       |        | •        | •     | •             | •            | •                                     | •           | •       | •                | •               | •     | -     |        |
|     | •       |        |          | •     | •             | •            | •                                     | •           | •       | •                |                 | •     | -     |        |
|     |         |        |          | •     | •             | •            | •                                     | •           |         | •                |                 | •     | -     |        |
|     |         |        |          |       |               | +            |                                       |             |         |                  |                 |       | -     |        |
|     |         |        |          |       |               |              |                                       |             |         |                  |                 |       |       |        |
|     |         |        |          |       |               |              |                                       |             |         |                  |                 |       |       |        |
|     | ·       | •      |          |       | •             |              |                                       |             |         |                  |                 |       |       |        |
|     | •       | •      | •        | •     | •             |              |                                       | •           | •       | •                | -               | •     | •     |        |
|     | •       |        | •        | •     | +             |              |                                       | •           | •       | -                | •               | •     | •     |        |
|     |         |        |          |       |               | +            | •                                     | •           |         | •                | - •             |       | •     |        |
|     |         |        | •        | •     |               |              |                                       |             | - •     | •                | - •             | •     | •     |        |
|     |         |        |          |       |               |              |                                       |             |         |                  |                 |       |       |        |
|     |         |        |          |       | 4             | <b>.</b>     | +                                     |             |         |                  |                 |       | -     |        |
|     |         |        |          |       | :             | +            | +                                     |             |         |                  |                 |       |       |        |
|     |         | _      | _        |       |               | ·            |                                       |             |         |                  |                 |       |       |        |
|     | •       | •      | •        | •     |               | <del>-</del> |                                       | - •         | •       |                  |                 | •     | •     |        |
|     | •       | • •    | •        | •     |               |              |                                       |             | - •     | +                |                 | · •   | •     |        |
|     | •       |        | •        |       |               | - •          |                                       | •           | •       | - +              |                 |       | -     |        |
|     |         |        | +        | •     | ·             |              |                                       | •           | •       |                  |                 | - •   |       |        |
|     |         |        | •        | •     |               | +            |                                       |             | - · · • | ·                |                 | •     | -     |        |
|     |         |        |          |       |               |              |                                       | ·           |         |                  |                 |       |       |        |
|     |         |        | <u>,</u> |       |               |              | i i i i i i i i i i i i i i i i i i i | <del></del> |         | -, <del></del> = | - <sub>20</sub> |       |       |        |
|     | MEAN    | 57.5   | _56 · 9  |       | 57 <u>.</u> 0 | 61.7         | 65.6                                  | 69.4        | 71 • Z  | 69.7             | 65 . 1          | 62.1  | 59.4  | 63.    |
|     | S D     | 3.529  | 5.598    | 5.518 | 4.966         | 3.17         | 3.209                                 | 2.958       | Z. 940  | 5.208            | <b>5.4</b> € 3  | 30582 | 3.498 | 5.96   |

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLISAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **EXTREME VALUES**

MAXIMUM TEMPERATUPE

FROM DAILY OBSERVATIONS:

17201 LAUES AB AZ STATION NAME

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | NAL   | FEB | MAR. | APR | MAY | JUN | JUL. | AUG   | SEP | ост | NOV   | DEC | ALL<br>MONTHS |
|------------|-------|-----|------|-----|-----|-----|------|-------|-----|-----|-------|-----|---------------|
| 44         | 7 J.≈ | 69  | 72   | 73  | 74  | 75  | 78   | 81    | 82  | 76  | 73    | 71, | 8             |
| 45         | 60    | 69  | 69   | 7.3 | 72  | 78  | 82   | 82.   | 91  | 76  | _     | ٠,  |               |
| 46         | •     |     |      |     |     |     |      |       |     | 73  | 71    | 69  | • •           |
| 4.7        | 6.7   | 67  | 72   | 68  | 76  | 76  | 78   | . 81. | 81  | 79  | . 75  | 70. | 6             |
| 46         | 67    | 66  | 68   | 69  | 75# | 77  | 82   | 83    | 81  | 76  | 73    | 55  | Ā             |
| 49         | 65    | 69  | 6.8  | 68  | 75* | 79  | 80   | 82    | 78  | 75  | 75    | 69. | 8             |
| 50 H       | 66    |     | 68   | 71  | 71  | 79  | 83   | 83    | 82  | 75  | 75    | 56  |               |
| 51         | 66    | 68  | 67   | 70  | 74  | 79  | 79   | 83    | 84  | 80_ | 70    | 71. |               |
| 52         | 6.5   | 67  | 70   | 69  | 72  | 77  | 79   | 83    | 78  | 77  | 72    | 58  | 8             |
| 5.3        | 6.5   | 64  | 65   | 69  | 70  | 75  | 8.3  | 8 3.  | 8 3 | 77  | . 73. | 64  | 8             |
| 54         | 6.5   | 68  | 68   | 69  | 73  | 77  | 77   | 83    | 81  | 78  | 70    | 7 2 | 8             |
| 55         | 6.7   | 67  | 66   | 70  | 73  | 78  | 80   | 8 3   | 80  | 76  | 73    | 69  | 8             |
| 56         | 66    | 65  | 68   | 6.5 | 70  | 75  | 82   | R 4   | 83  | 72  | 71    | 53  | 8             |
| 57         | 67    | 69  | 67   | 70  | 74  | 77  | 75   | 80    | 79  | 75. | . 71  | 66  |               |
| 58         | 6.5   | 67  | 69   | 66  | 69  | 78  | 84   | 8 2   | 78  | 75  | 70    | 71  | 9             |
| 59         | 6.8   | 64  | 68   | 69  | 72  | 80  | 76   | 9.1   | 8.0 | 74  | 71.   | 75∄ | a             |
| 6.0        | 66    | 67  | 67   | 68  | 71  | 75  | 80   | 82    | 81  | 76  | 72    | 69  | 8             |
| 61         | 69    | 67  | 67   | 74  | 72  | 73  | 80   | 8 4   | 86  | 76  | 7a    | 68  | 8             |
| 62         | 6.5   | 66  | 56   | 68  | 70  | 77  | 80   | 78    | 81  | 74  | 69    | 66  | 8             |
| 63         | 68    | 6.8 | 65   | 6.9 | 69  | 75  | 79   | 78    | 78  | 79  | 69    | 19  | 7             |
| 64         | 65    | 65  | 6.5  | 67  | 72  | 72  | 80   | 78    | 77  | 74  | 71    | 67  | 8             |
| 65         | 68    | 65  | 69   | 71, | 75  | 80  | 79   | 81    | 83  | 77  | 70    | 72  | 9             |
| 66         | 67    | 67  | 67   | 69  | 70  | 75  | 77   | 8 3   | 80  | 76  | 68    | 56  | 8             |
| 67         | 56    | 69  | 70   | 67  | 75  | 76  | 81   | 8.3   | 8 4 | 8 3 | 74    | 70  | 8             |
| <b>6</b> 8 | 6.7   | 67  | 65   | 67  | 72  | 78  | 79   | 8.3   | 81  | 76  | 71    | 65  | 8             |
| 69         | 67    | 62  | 63   | 6.8 | 71  | 76  | 82   | 81    | 8.3 | 80  | 72    | 751 | 8             |
| 70         | 67    | 65  | 64   | 70  | 70  | 74  | 82   | 8.3   | 83  | 76  | 74    | 68  | 9             |
| 71         | 70*   | 65  | 67   | 71  | 71  | 77  | 81;  | 79    | 77  | 76  | 70    | 67  | 8             |
| 72         | 6.5   | 63  | 6.8  | 70  | 76  | 79  | 85   | 82    | 78  | 71  | 71    | 66  | 8             |
| 73         | 66    | 62  | 69   | 6.8 | 71  | 75  | 78   | 8.2   | 83  | 78  | 71    | 69  | 8             |
| MEAN       |       |     |      |     |     |     |      |       |     |     |       |     |               |
| \$. D.     |       |     |      |     |     |     |      |       |     |     |       | Ī   |               |
| TOTAL OBS  |       |     |      |     |     |     |      |       |     | 1   | i     |     |               |

NOTES . (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 085)

SECHAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

#### **EXTREME VALUES**

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS:

17201 LAJES AB AZ STATION NAME

44-91

VEARC

WHOLE DEGREES FAHRENHEIT

| MONTH        | JAN         | FEB        | MAR      | APR  | MAY                 | JUN.  | JUL           | AUG    | SEP         | oct      | NOV         | DEC         | ALL<br>MONTHS |
|--------------|-------------|------------|----------|------|---------------------|-------|---------------|--------|-------------|----------|-------------|-------------|---------------|
| 74           | 63          | 69         | 69       | 68   | 75                  | 75    | 78            | ر ع    | <b>7</b> a  | 75       | 71          | 66          | 8             |
| 75 _         | 66          | 54         | 5.8      | 69   | 75                  | 77    | 83            | _ 8.2, | 90          | 77.      | 73          | <u> 53.</u> | .8            |
| 76           | 64          | 46         | 66       | 56   | 73                  | 78    | 80            | 77     | 78          | 75       | 73          | 71          | ď             |
| 77           | 6.9         | 58_        | 6.8      | 7.3. | 73                  | 77.   | 80            | 84     | 82          | .75      | 71          | 71.         |               |
| <b>7</b> 5   | 69          | 66         | 71       | 69   | 69                  | 71    | 82            | ε2     | 82          | 75       | 69          | 71          | 6             |
| . 19         | 66          | <u> 56</u> | 66       | 68,  | 71                  | 77    | 78,           | 8.2    | 81          | 75       | 7 3         | 7Q.         | Ą             |
| 80           | <b>6</b> ਨੇ | 66         | 66       | 64   | 73                  | 73    | 82            | 84     | 79          | 77       | 75          | 72          | 8             |
| 81           | 66          | 66         |          |      |                     |       |               |        |             | <u> </u> |             |             |               |
|              | 1           |            |          |      |                     |       |               |        |             |          |             |             |               |
|              |             |            |          | · •  |                     |       | +-            |        | · · - · — • |          |             |             |               |
| ļ.           | į.          |            |          |      |                     |       |               |        |             |          |             |             |               |
|              |             |            |          |      |                     |       |               |        |             | ·        |             |             |               |
| *            | 1           |            |          |      |                     |       |               |        |             |          |             |             |               |
|              |             |            | · ·      |      |                     |       |               |        |             |          |             |             |               |
| ij           |             |            |          |      |                     |       |               |        |             |          |             | <u></u>     |               |
|              |             |            |          |      |                     |       |               |        |             |          |             |             |               |
|              |             |            |          |      |                     |       |               |        | i           |          |             |             |               |
|              |             |            |          |      |                     |       |               |        |             |          | +           | +           |               |
| 3            | i i         | *          |          |      |                     |       |               |        |             |          |             | j           |               |
|              |             |            |          |      |                     |       |               |        |             |          |             |             |               |
| 1            |             | i          |          |      |                     | i     |               |        |             | 1        | :           | į           |               |
|              |             |            |          |      |                     |       |               |        |             |          |             | 1,          |               |
| # .          |             |            | i_       |      | 1                   |       |               |        |             |          |             |             |               |
| 7            | •           |            | ,        |      |                     |       |               | :      |             |          |             | *           |               |
|              |             |            | <u> </u> |      | · · · · · · · · · · |       |               |        |             |          |             | <u> </u>    |               |
| Ī            | ,           |            | i        | ,    |                     |       |               |        | 7           |          |             | ¥           |               |
| <del>-</del> |             |            |          | ·    |                     |       | <del></del> - | ·      |             |          | <del></del> |             |               |
|              |             | i          | i        | i    | -                   | ,     | 1             | į.     | ;           |          |             |             |               |
| MEAN         | 66.7        | 66.3       | 67.5     | 69.0 | 72.3                | 76.3  | 80.0          | 81.7   | 80.6        | 74       | 71.7        | (3.7        | ٥٩            |
| S D          |             |            |          |      |                     | 2.168 |               |        |             | 76.1     | 1.882       | 2-125       | 82            |
| TOTAL OS     | 1147        | 1016       | 1116     | 1080 | 1116                | 1069  | 1116          | 1116   | 1080        | 1147     | 1080        | 1116        | 1319          |

SAF ETAC TORM 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GL SEAL CLIMATOLOGY BRANCH US AFETAC ALE WEATHER SERVICE/MAC

#### **EXTREME VALUES**

MINIMUM TEMPERATUPE

FROM DAILY OBSERVATIONS

17701 LAJES AP AZ STATION NAME

44-81

YEARS

#### WHOLE DEGREES FAHRENHEIT

| MONTH<br>YEAR | JAN.        | FEB | MAR. | APR | MAY  | אטג. | JUL. | AUG. | SEP      | ОСТ  | NOV. | D€C | ALL<br>MONTHS |
|---------------|-------------|-----|------|-----|------|------|------|------|----------|------|------|-----|---------------|
| 44            | 45*         | 46  | 48   | 48  | 50   | 5.2  | 57   | 5.8  | 57       | 56   | 50   | 48  | 4             |
| 45            | 48          | 48  | 4.8  | 43  | 47.  | 52   | 53_  | 61   | 56.      | 5.1. |      |     |               |
| 46            |             |     |      |     |      |      |      |      |          | 51   | 46   | 46  |               |
| 47            | 40,         | 46  | 49   | 45. | 45   | 49   | 57.  | 57.  | 53       | 52   | 54   | 50. | . 4.          |
| 46            | 4.5         | 40  | 46   | 46  | 51*  | 52   | 56   | 56   | 59       | 52   | 52   | 47  | 4             |
| 49            | 45          | 47  | 43   | 47. | 51.* | 54   | 59   | 5.8  | . 56.    | 50   | 51.  | 421 | 4,            |
| 50            | 42          |     | 47   | 46  | 48   | 51   | 57   | 58   | 56       | 55   | 45   | 49  |               |
| 51            | 4.8         | 45  | 43   | 50  | 4.8  | 54.  | 59.  | 6.3  | 57.      | 53   | 5.3  | 45. | 4             |
| 52            | 42          | 50  | 47   | 49  | 52   | 56   | 63   | 6 Ci | 62       | 51   | 53   | 45  | 4             |
| 5.3           | 451         | 4.3 | 45   | 45  | 50   | 58   | 63   | 64   | 61.      | 54   | 5 Q. | 45. | 4_            |
| 54            | 4 3         | 44  | 45   | 46  | 51   | 54   | 5 5  | 57   | 61,      | 58   | 50   | 48  | 4             |
| 55            | 4 8         | 48  | 44   | 50  | 54   | 5 5  | 63   | 64   | 62       | 56   | 5Q   | 4.6 | 4             |
| 56            | 45          | 49  | 48   | 52  | 49   | 55   | 61   | 61   | 58       | 57   | 56   | 49  | 4             |
| 57            | 4 3         | 40  | 46   | 45  | 51   | 55   | 58   | 63   | 61       | 5.3  | 50   | 45  | 4             |
| 57<br>55      | 48          | 48  | 4.5  | 49  | 54   | 5.5  | 55   | 61   | 58       | 57   | 48   | 43  | 4             |
| 59            | <u>45</u> - | 44  | 44   | 46  | 5 3  | 57   | 56   | 56   | 55       | 50   | 49   | 48  | 4             |
| <b>6</b> 0    | 43          | 41  | 42   | 47  | 50   | 49   | 56   | 58   | 56       | 5 5  | 45   | 4.2 | 4             |
| 61            | 4 4         | 44  | 44   | 48  | 48   | 50   | 5.8  | 61   | 54       | 5.3  | 50   | 46  | 4             |
| 62            | 43          | 42  | 48   | 45  | 50   | 5.5  | 58   | 58   | 5 4      | 5.5  | 49   | 44  | 4             |
| 6.3           | 44          | 43  | 45   | 43  | 4.7  | 5 1  | 58   | 5 5  | 60       | 5.7  | 47.  | 44  | 4             |
| 64            | 42          | 43  | 43   | 42  | 47   | 51   | 5 5  | 56   | 52       | 47   | 51   | 48  | 4             |
| 65            | 44          | 4 3 | 45   | 50  | 52   | 5 5  | 5 7. | 58   | 59       | 5.3  | 46   | 46  | 4             |
| 66            | 42          | 43  | 46   | 47  | 45   | 51   | 60   | 58   | 59       | 51   | 52   | 45  | 4             |
| 67            | 49          | 41  | 45   | 5.1 | 4 9  | 56   | 59   | 60   | 60       | 5 1  | 5.2  | 501 | 4             |
| 68            | 44          | 46  | 47   | 44  | 48   | 51   | 5.5  | 5.5  | 50       | 5 3  | 46   | 43  | 4             |
|               | 47          | 41  | 41   | 4 3 | 48   | 52   | 5 7  | 60   | 5.3      | 55   | 46   | 42  | 4             |
| 75            | 46          | 44  | 48   | 46  | 48   | 53   | 59   | 59   | 55       | 56   | 46   | 44  | 4             |
| 71            | 454         | 47  | 45   | 47  | 47   | 50   | 56   | 56   | 58       | 47   | 49   | 431 | 4             |
| 72            | 43          | 41  | 45   | 49  | 49   | 58   | 61   | 60   | 5.3      | 51   | 5.3  | 48  | 4             |
| 73            | 46          | 42  | 44   | 46  | 4.8  | 51   | 57   | 60   | 57.      | 51   | 51   | 51  | 4             |
| MEAN          |             |     |      |     |      |      |      |      | <u>.</u> | -    |      | 1   |               |
| S D           |             |     |      |     |      |      |      |      |          |      |      | Ī   |               |
| TOTAL OBS     |             |     |      |     |      |      |      |      |          |      |      |     |               |

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 085)

GLOPAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

#### **EXTREME VALUES**

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS:

17201 LAUES AS AZ STATION NAME

44-51

WHOLE DEGREES FAHRENHEIT

| MONTH<br>EAR                          | JAN   | FÉB           | MAR         | APR.           | MAY         | JUN.  | JUL.  | AUG          | SEP                                   | oct         | NOV.  | DEC        | ALL<br>MONTHS |
|---------------------------------------|-------|---------------|-------------|----------------|-------------|-------|-------|--------------|---------------------------------------|-------------|-------|------------|---------------|
| 74                                    | 42    | 41            | 44          | 46             | 51          | 5 3   | 55    | 55           | 57                                    | 53          | 48    | 43         | 4             |
| 75                                    | 42    | 42            | <b>5</b> %_ | 48             | 48.         | 53    | 59    | 57.          | <u> 57.</u>                           | 53          | 46    | 48         | <u> </u>      |
| 76                                    | 46    | +4            | 46          | 48             | 48          | 46    | 57    | 54           | 55                                    | 51          | 48    | 46         | 44            |
| 77                                    | 48    | 44            | 46          | 48             | <u>51</u>   | 5_5   | 55    | 5.7.         | 59                                    | <b>51</b> . | 51,   | 46.        | 4             |
| 78                                    | 46    | 44            | 44          | 48             | 51          | 50    | 5.5   | 60           | 60                                    | 57          | 51    | 4 2        |               |
| 79                                    | 4,2,_ | 42            | 46          | 50             | <u>53</u> . | 48    | 55    | 5,9          |                                       | ្នក្        | 54    | 5 <u>C</u> |               |
| 30                                    | 41    | 43            | 41          | 45             | 53          | 54    | 57    | 61           | 57                                    | 52          | 45    | 46         | 4             |
|                                       | 45    | 4,3,          |             | +              |             |       |       | •            |                                       |             |       |            | ·             |
|                                       | +     |               |             |                |             | · ••• |       | <b>.</b>     | · · · · · · · · · · · · · · · · · · · | - ·         |       | ÷ *        | -             |
| <del>-</del>                          |       |               |             | <del>-</del> - |             | +-    | •     | - • ·        |                                       |             |       |            |               |
| · · · · · · · · · · · · · · · · · · · |       |               |             |                |             |       | -     |              |                                       |             |       |            |               |
|                                       |       |               |             |                |             |       |       |              |                                       |             |       |            |               |
|                                       |       |               |             | ·              |             |       |       |              | <u> </u>                              |             |       |            |               |
|                                       | i     | i             | 1           |                | i           |       |       | •            | T                                     |             | 1     |            |               |
|                                       |       |               |             |                |             |       |       |              |                                       |             |       |            |               |
| <del>_</del>                          |       | <del></del> + |             |                |             |       |       |              |                                       |             |       |            |               |
|                                       |       | <del>-</del>  |             | <del>+</del>   |             |       |       | <del>-</del> |                                       |             |       |            |               |
|                                       |       | <del>-</del>  |             |                |             |       |       |              |                                       |             |       |            |               |
|                                       |       |               |             | +-             |             |       |       |              | +                                     |             |       |            |               |
| i;                                    |       |               | <u> </u>    |                |             |       | 1     |              |                                       |             | ;     |            |               |
| MEAN                                  | 44.6  | 43.8          | 45.4        | 46.9           | 49.4        | 52.8  | 57.4  | 58.7         | 57.2                                  | 52.9        | 49.5  | 46.1       | 42.           |
| S. D.                                 | 2.352 | 2.614         | 2.127       | 2.412          | 2.196       | 2.879 | 2.335 |              | 3.000                                 | 2.742       | 2.923 | 2.572      | 1.303         |

NOTES # (BASED ON LESS THAN FULL MONTHS)

TOTM 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 OBS) USAF ETAC

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ₹ ಠ 0.26.3 FORM IUN 71

USAFETAC

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LAJES AS AZ

| CHAL CLIMATOLOGY BRANCH |                       |
|-------------------------|-----------------------|
| FETAC                   | PSYCHROMETRIC SUMMARY |
| MEATHER SERVICE/MAC     |                       |

72-81

1 201 STATION JAN MONTH STATION NAME YEARS PAGE 1 0600-0206 HOURS .. S. Y. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 16/ 65 . 3 • 2 5 5 64/ 63 1.9 1.1 1.8 46 46 2.9 4.9 2.2 . i 101 2/ 61 101 6 ./ 59 7.4 4.4 7.3 193 193 55/ 57 . 4 5.8 6.5 3.9 . 3 1.6 • 1; 173 173 138 69 5 8/ 55 3.0 4.6 106 5.6 . 8 133 133 131; 4/ 53 .6 2.7 5.6 3.4 1.4 128 128 141 161 5 27 51 3.0 3.0 1.2 .6 76 76 5 ./ 49 • 2 1.4 .8 25 25 162 8 C 4 9/ 47 74 1.1 112 46/ 45 . 8 • 6 13 13 42 105 44/ 43 1.1 71 42/ 41 • 3 3 3; 67 4./ 39 27 3 -/ 37 11 36/ 35 9 34/ 33 2 TO TAL 2.831.536.322.4 6.3 930 930 Zx, ΣX No. Obs. Element (X) Mean No. of Hours with Temperature Rei. Hum. 5928217 73561 79-110-867 930 Dry Bulb 56.3 4.316 2966584 52372 930 Wet Bulb 930 2615813 49145 52.8 4.497 9: Dew Point 2331495

GLOBAL CLIMATOLOGY RRANCH
USAFETAC
AS REATHER SERVICE/MAC

1 7 20 1 LAJES AB AZ
STATION NAME
STATION NAME

#### **PSYCHROMETRIC SUMMARY**

0300-0500 HOURS U.S. T. PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 1 6.6/ 65 1.7 2.2 • 4/ 63 44 44 12/ 61 3.8 3.2 2.0 9.8 88 33 9 53/ 59 5.7 8.5 2.6 173 54 173 71 .3 4.5 5.7 6.3 1.0 98 :/ 57 . 2 168 168 50/ 55 .9 4.8 4.3 5.9 1.5 162 162 139 65 1.1 2.5 5.4 3.1 1.2 136 1 4/ 53 • 1 124 124 140 136 6 2/ 51 .3 2.5 3.5 1.1 91 72. 72 · 6/ 49 .5 1.4 2.3 42 42 160 92 4-7/47 .2 1.3 1.1 94 25 .1 1.3 46/ 45 15 52 15 141 44/ 43 . 9 10 42/ 41 • 3 75 45/ 39 3 3/ 37 17 36/ 35 34/ 33 1 72/ 31 T: TAL 4.031.036.722.4 5.4 930 930 930 No. Obs. Rel. Hum. 5971714 73814 79.411.534 930 10 F ≤ 32 F Dry Bulb 56.0 4.324 2935866 52098 930 Wet Bulb 2592227 48915 52.6 4.576 930 93 Dew Point 2313577 46067 49.5 5.839 930

72-81

FORM D. 26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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|----|----|-----|---|---|---|---|------|---|-----|----|----|---|-----|-----|---|
| ر. | ٤, | 15  | £ | T | Δ | C |      |   |     |    |    |   |     |     |   |
| Á  | •  | . • | ~ | E | Δ | T | HER  |   | SER | ٧I | CE | 1 | MA  | C   |   |

17271 LAJES AB AZ

## **PSYCHROMETRIC SUMMARY**

| Wet Bulb         |     | 258   | 5119         | L  | 488                   | 53     | 52.5         | 4.5     | 06     |  | 930                |             | L_            |              |              |                                       |                                     |              |                   | ۶            |
|------------------|-----|-------|--------------|--|-----------------------|--------|--------------|---------|--------|--|--------------------|-------------|---------------|--------------|--------------|---------------------------------------|-------------------------------------|--------------|-------------------|--------------|
|                  |     |       |              | <del></del>                                      |                       |        |              |         |        |  |                    |             |               |              |              |                                       |                                     | •            |                   |              |
| Dry Bulb         |     |       | 2938<br>6364 | <del>                                     </del> | 520                   |        | 79.0<br>56.0 |         |        |  | 9 <u>30</u><br>930 |             | $\dashv$      |              |              |                                       | - 30 7                              | 73.          |                   | 9            |
| Rel. Hum.        |     | Z X'  | 4000         |  | Z <sub>X</sub><br>734 | -      | 70.0         | 10 4    |        | No. (  |                    | = 0 1       | :             | 1 32 F       | Mean No      | of Hours wi                           | th Temperatu                        | • 93 F       |                   | otal         |
|                  |     |       |              |  |                       |        |              |         |        |  | <u> </u>           |             |               |              |              |                                       |                                     |              |                   |              |
|                  |     |       |              |  |                       | -      | -            |         |        | +  | -                  |             | <del></del> . |              |              | <u> </u>                              | 1                                   |              |                   |              |
|                  |     |       |              |  |                       |        |              |         |        | -  | -                  |             |               |              |              |                                       | <u> </u>                            |              | :                 |              |
|                  |     |       |              |  |                       |        |              |         |        | -  | -                  |             |               |              |              | <del></del>                           | ·                                   |              | · •               |              |
|                  |     |       |              |  |                       |        |              |         |        | <u> </u>   |                    | -           |               | -            | ·            | · · · · · · · · · · · · · · · · · · · |                                     |              | i                 |              |
|                  |     |       |              |  |                       |        |              |         |        |  |                    |             |               |              | l :          | ·<br>                                 |                                     | ············ |                   |              |
|                  |     |       |              |  |                       |        |              |         |        |  |                    |             |               | ļ            |              |                                       | 930                                 |              | 930               |              |
| 34/ 33           | 3.2 | 28.5  | 40.5         | 21.4   | 5.8                   | . 5    |              |         |        |  | <u> </u>           |             |               |              | !            | :                                     |                                     | 930          |                   | 93           |
| 36/ 35           |     |       |              |  |                       |        |              |         |        | _  |                    |             |               | Ĺ            | 1            |                                       | <u>.</u>                            |              |                   |              |
| 4 G/ 39 33 37 37 |     |       |              |  |                       |        | <del> </del> |         |        | <del></del>                                      | +                  |             |               | <del> </del> |              |                                       | · · · · · · · · · · · · · · · · · · | _ · · - · •  | <u></u>           | <del>2</del> |
| 42/ 41           |     | • 1   | • 1          |  |                       |        |              |         |        | ļ  | į                  | 1           |               |              | 1            |                                       | 2                                   | 2            | 9                 |              |
| 44/ 43           | • 1 |       |              |  |                       |        |              |         |        |  |                    |             |               | 4            | 1            |                                       | 11                                  | 11           | 17                | 7            |
| 45/ 45           | • 1 |       |              |  |                       |        |              |         |        | <del>                                     </del> | †                  |             |               |              |              |                                       | 20:                                 | 20           |                   | 13           |
| 43/ 47           | • 4 | .9    |              |  | )                     |        |              |         |        | i  |                    |             |               |              | :            |                                       | 19                                  | 19           | 98                | 11           |
| 50/ 49           | • 3 |       | 2.3          | 1.5  | -                     |        | ļ            |         |        | <del></del>                                      | +                  | +           |               | <del></del>  | <del>,</del> |                                       | <u>86</u>                           | 86<br>45     | 145.<br>146       | 11           |
| 14/ 53           |     |       |              |  | 1.2                   |        |              |         |        | 1  |                    | í           |               |              | 1            |                                       | 113                                 | 113          | 137               | 11           |
| 56/ 55           | . 4 | 3.3   | 3.8          | 5.5  | 1.6                   | .1     | ļ            |         |        |  |                    | ,           |               |              |              |                                       | 137                                 | 137          | 133               | _7           |
| 5 3/ 57          |     |       |              |  | 1.1                   |        | 1            |         |        |  |                    |             |               |              | •            |                                       | 184                                 | 164          | 109               | 7            |
| 50/ 59           | . 1 |       | 9.4          |  | 1.5                   |        | :            |         |        |  |                    |             |               |              |              |                                       | 178                                 | 178          | 54                |              |
| 4/ 63            |     |       | 2.3          | 2.2  |                       |        | <b> </b>     |         |        | <del>-</del> -                                   | <del>-</del>       | <del></del> |               |              |              |                                       | 96                                  | 86           | <u>- 6.</u><br>22 | _            |
| 66/ 65           |     | • 5   |              |  |                       |        |              |         |        |  | 1                  | 1           |               | !            |              |                                       | 7                                   | 7            | 1                 |              |
| (F)              | 0   | 1 - 2 | 3 - 4        | <del></del> -                                    | 7 - 8                 | 9 - 10 | 11 - 12      | 13 - 14 | 15 - 1 | 6 17 - 1   | 8 19 - 20          | 21 - 22     | 23 - 24       | 25 - 26      | 27 - 28 2    | 9 - 30 - 31                           | D.B. W.B. D                         | ry Bulb      | Wet Bulb          | Dew P        |
| Temp.            |     |       |              |  |                       |        | BULB         |         |        |  |                    |             |               |              |              |                                       | TOTAL                               |              | TOTAL             |              |
|                  |     |       |              |  |                       |        |              |         |        |  |                    |             |               |              |              |                                       |                                     | _            | <u>0600</u>       | . S. T.      |

SAFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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| G L |    | AL   | CLIMA | TOLOGY  | BRANCH |
|-----|----|------|-------|---------|--------|
| Ĺ   | 4F | LTA  | C     |         |        |
| A I |    | NE A | THER  | SERVICE | /MAC   |

### PSYCHROMETRIC SUMMARY

LAJES AB AZ -- MAN 72-81 STATION NAME 0900-1160 PAGE 1 HOURS .. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dr. Bulb Wet Bulb Dew Point . 9 16/ 65 • 3 15 15 1.3 2.7 3.1 64/ 63 + 2/ 61 3.9 6.2 2.7 1.1 130 13C 27 1 . 5 £ 07 59 7.411.1 5.9 3.4 92 57 266 266 r -/ 57 4.2 5.9 6.2 2.9 97 . 1 180 180 149 138 55/ 55 170 2.6 3.0 6.5 1.4 138 112 ° 4/ 53 2.0 2.7 1.8 1.0 70 70 134 114 ° 27 51 33 1.1 1.8 . 6 33 140 115 • 5 . 1 14 133 56/ 49 . 9 14 62 4 4/ 47 . 4 • 1 7 7 44 98 4 - / 45 • 1 3: 3 28 • 2 114 • 2 70 42/ 41 3 53 40/ 39 17 3 1/ 37 36/ 35 6 34/ 33 1 1.324.635.227.510.3 1.1 930 930 933 ΣX, No. Obs. Element (X) ZX Mean No. of Hours with Temperature Rel. Hum. 71323 930 ± 0 F ≤ 32 F • 93 F 5579393 76.710.858 57.9 3.689 53.9 4.114 Dry Bulb 3130034 53844 930 Wet Bulb 2716598 50118 93C Dew Point 50.4 5.515 2394232 46908 930 93

USAFETAC FORM 0.26-3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIMAL CLIMATOLOGY BRANCH ULAFETAC AIP WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

17 201 LAJES AB AZ 72-81 JAN STATION NAME 72-81 PAGE 1 12:00-14:00 Hours U.S.T.

| Temp.       |     |  |  |                |               | WET    | BULB T   | EMPERA     | TURE ( | EPRESSIO    | N (F)      |                |              |               |              |               | TOTAL       |          | TOTAL      |         |
|-------------|-----|--|--|----------------|---------------|--------|----------|------------|--------|-------------|------------|----------------|--------------|---------------|--------------|---------------|-------------|----------|------------|---------|
| (F)         | 0   | 1 - 2  | 3 - 4  | 5 - 6          | 7 - 8         | 9 - 10 | 11 - 12  | 13 - 14 15 | - 16 1 | 7 - 18 19 - | 20 21 - 22 | 23 - 24        | 25 - 26      | 27 - 28 2     | 29 - 30      | * 31          | D.B. W.B. D | ry Bulb  | Wet Bulb   | Dew Por |
| 71/69       |     |  | i  | • 2            | • 1           |        |          |            |        |             |            |                |              |               |              |               | 3           | 3        |            |         |
| 6.1 67      |     | Ĺ  |  | . 1            |               |        | <u> </u> |            |        |             | <u>i</u>   |                | 1            |               |              |               | 4           | 4        |            |         |
| 6/ 65       |     | . 4  | 1.5  | 2.0            | • 2           |        |          |            |        |             | -          |                | i            |               |              |               | 39          | 39       |            |         |
| c4/ 63      |     | 1.0  | 5.4  | 5.8            | 1.9           | . 2    |          |            |        |             |            | <u> </u>       | !            | •             |              |               | 133         | 133      | 11         |         |
| 1.27 61     | • 1 | 2.8  | 8.7  | 6.9            | 3.9           | • 2    |          | i          |        |             | 1          | ļ              |              |               |              |               | 210         | 510      | 59         |         |
| 6 0/ 59     | • 2 | 4.5  | 7.7  | 11.1           | 8.7           | . 9    |          |            |        |             |            | <b>_</b>       |              |               |              |               | 307         | 307      | 111        | _68     |
| 55/ 57      | • 1 | 1  | 2.8  | :              | 1 1           | • 3    | 1        | Į.         | i      | Ì           |            | l              |              |               |              |               | 114         | 114      | 167        |         |
| 56/ 55      |     | .9   |  |                | 2.4           | . 4    |          |            | -      |             |            | ļ              |              | •             |              |               | 86          | 86       |            |         |
| F 4/ 53     | • 1 | 1  | 1  |                | 1             |        |          | 1          | i      | )           | 1          |                |              |               |              |               | 17          | 17       | 137        |         |
| 52/ 51      |     | . 4  | •6   | _              |               |        |          |            |        |             |            | <del>[</del>   |              | +             |              |               | 12          | 12       | 140        |         |
| 50/ 49      | • 1 |  | ]  | • 2            | 1 1           |        | į į      |            | ì      | j           | -          |                |              |               |              |               | 3           | 3        | _          |         |
| 40/ 47      |     | <del> </del>                                     | ļ  | • 2            | -             |        | ļi       |            |        |             |            | <b>I</b>       | <del></del>  | <del>  </del> |              |               |             | 2        | 35         |         |
| 46/ 45      |     | į  |  |                | (             |        | 1 1      | '          | 1      | ļ           | 1          | 1              |              |               |              |               |             |          | 6          | 11      |
| 4/ 43       |     |  |  | ļ              |               |        |          |            |        |             |            |                | •            | •             |              |               |             |          | <u>. 3</u> | 5       |
| 42/ 41      |     | 1  | )  | Į.             | i i           |        | ' I      |            |        | }           | ]          | į              |              |               | :            |               |             |          | 2          |         |
| 40/ 39      |     | <del> </del>                                     | <del> </del>                                     | <del> </del> - |               |        |          |            |        |             |            | <del> </del>   | <del> </del> | <del></del>   | <del></del>  |               |             |          |            | 1       |
| 34/ 37      |     | 1  | l  |                | l i           |        |          | 1          |        | -           | ĺ          |                | İ            |               | :            |               |             |          |            | i       |
| 34/ 33      |     |  |  | <del> </del>   | <del>  </del> |        |          |            |        |             |            | -              | <del> </del> | +             | <del>-</del> |               |             |          |            |         |
| 9 TAL       |     |  | 20 0   | 74 7           | 19.4          | ٠, ٥   |          |            | 1      |             | 1          | İ              | į            | ļ ,           | 1            |               | ·           | 930      |            | 93      |
| J 1 1 1     |     | 1201   | 2700   | 2003           | 70.0          |        |          |            | -      |             |            | <del> </del> - | <del></del>  | <del></del>   |              |               | 930         | 7 3 0    | 930        |         |
| 1           |     | 1  | 1  | ]              |               |        |          |            |        | }           | j          | 1              | j            | : 1           | !            |               | 730         |          | , , ,      |         |
|             |     | <del>                                     </del> | <del> </del>                                     |                |               |        |          |            |        |             |            |                | <del>!</del> | •             |              |               | +           |          |            | L       |
|             |     | 1  |  | }              |               |        |          |            |        | 1           | 1          |                |              |               | 1            | 1             | ;           |          |            |         |
|             |     | <del>                                     </del> |  |                |               |        |          |            |        |             |            |                | †            | 1 1           |              |               |             |          | . — — — —  |         |
|             |     | 1  | ĺ  | l              | 1 1           |        | 1        |            |        | ł           | į          | }              | 1            | 1             |              | i             | :           |          | 1          | İ       |
|             |     | 1  | <del>                                     </del> |                |               |        |          |            |        |             |            |                |              |               |              |               |             |          |            |         |
|             |     |  |  |                |               |        |          |            |        |             |            |                |              | 11            | !            |               |             | i        |            |         |
|             |     |  | <u> </u>   |                |               |        |          |            |        |             |            |                |              |               |              | <del>-</del>  | •           |          |            | — .     |
|             |     | <u> </u>   |  |                |               |        | L        |            |        | L           |            |                | 1            | 1i            |              |               | 1           |          |            |         |
|             |     |  |  |                |               |        |          |            |        |             |            |                |              | 1             |              |               |             |          |            | -       |
|             |     | 1  | L  |                |               |        | L i      |            |        |             |            |                | <u> </u>     |               |              |               |             |          |            |         |
|             |     |  |  |                |               |        |          |            |        |             |            |                |              |               | į            |               | 1           |          |            |         |
|             |     | <u> </u>   |  |                |               |        | <u></u>  |            |        |             |            | <u> </u>       |              | <u> </u>      | <u> </u>     |               | <u> </u>    |          |            |         |
| Element (X) |     | ΣX1  |  |                | 2 X           | $\Box$ | X        | **         |        | No. Obs.    |            |                |              |               | <del></del>  | $\overline{}$ | Temperatu   |          |            |         |
| Rel. Hum.   |     |  | 6768   |                | 677           |        |          | 10.73      |        | 930         | ± 0        | <u> </u>       | ≤ 32 F       | ≥ 67          | F * 7        | 73 F          | ≥ 80 F      | - 93 1   |            | Total   |
| Dry Bulb    |     |  | 4928   |                | 556           |        |          | 3.26       |        | 930         |            |                |              | <u> </u>      | 7            |               |             | ļ        |            | 9       |
| Wet Bulb    |     |  | 4212   |                | 512           |        |          | 3.84       | _      | 930         |            |                |              | <u> </u>      |              |               |             | ļ        |            | 9       |
| Dew Point   |     | 244  | 2462   |                | 473           | 94     | 51.0     | 5.41       | 1      | 930         |            |                |              | 1             |              | 1             |             | <u> </u> |            | 9       |

## PSYCHROMETRIC SUMMARY

YEARS

JAN WYVSW 1500-1760 Hales ..... PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 | D.B. W.B. Dry Bulb (F) 1 69 . 1 6-7 67 66/ 65 .3 1.4 25 25 £41 63 125 125 .1 2.7 8.9 F2/ 61 5.7 3.1 192 192 52 . 1 59 5.110.810.6 307 307 95 72 3.5 11 57 1.5 4.4 6.0 • 1 148 148 189 83 55 4.7 113 1.1 2.3 85 85 183 . 8 . 3 54/ 53 . 5 • 8 24 144 52/ 51 . 6 16 16 113 134 . 6 5 ./ 49 • 1 . 2 3 95 69 82 4 = / 47 32 45/ 45 ĩ 7 120 \_5.7 44/ 43 2 37 42/ 41 41./ 39 21 7 / 37 75/ 35 6 34/ 33 930 930 930 930 .812.933.335.116.5 1.4

72-81

No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum 5112355 68273 73.410.391 930 Dry Bulb 3299547 59.5 3.197 930 55315 2006498 50960 54.3 3.897 93C Dew Point 2426534 930

previous editions of this form are obsolete 4 ಠ 0.26.3 FORM NO. 21

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GL > AL CLIMATOLOGY FRANCH C: SELTAC AI: WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

172'1 LAJES A9 A2 72-81 JAN

PAGE 1 1 1600-2002

| Temp.       |             |                       | LB TEMPERATU      |                    |  |                                       |            |               | TOTAL       |          | TOTAL    |         |
|-------------|-------------|-----------------------|-------------------|--------------------|--|---------------------------------------|------------|---------------|-------------|----------|----------|---------|
| (F)         | 0 1-2 3-4   | 5 - 6 7 - 8 9 - 10 11 | - 12 13 - 14 15 - | 16 17 - 18 19 - 20 | 21 - 22 23                                       | - 24 25 - 26                          | 27 - 28 29 | 30 • 31       | D.B. W.B.   | bry Bulb | Wet Buib | Dew Po- |
| 6 / 67      |             | • 1                   |                   |                    |  |                                       |            |               | ī           | 1        |          |         |
| 60/ 65      | . 3 . 6     | • 2                   |                   |                    | 1  |                                       |            |               | 11          | 11       |          |         |
| 14/ 63      | 1.1 2.3     |                       |                   |                    |  |                                       |            |               | 43          | 43       | 5        |         |
| 1 2/ 61:    | .3 3.7 7.6  | 1.8 1.3               |                   |                    | 1  |                                       |            |               | 137         | 137      | 27.      |         |
| 4 1/ 59     | .1 7.210.4  | 5.5 1.41              |                   |                    |  |                                       |            |               | 230         | 2 30     | 49       | 4       |
| 5 3/_ 57 ±  | 3 4.9 8.0   | 5.7 1.8 .2            |                   | i.                 |  |                                       |            |               | 195         | 195      | 154      | 8       |
| 567 55      | .2 3.4 4.4  |                       | 1 1               |                    |  |                                       |            |               | 155         | 155      | 163      | 11      |
| 54/ 53      | .6 1.0 3.0  |                       |                   |                    |  |                                       |            |               | 99          | 89       | 156      | 12      |
| C2/ 51      | .9 2.6      | •5 •1 •2              |                   |                    |  |                                       |            |               | 40          | 40       | 110      | 11      |
| 53/_49      | •1 •4       | .4                    |                   | ;                  | ;  |                                       |            |               | 10          | 10       | 126      |         |
| 4 / 47      |             |                       |                   |                    |  |                                       |            |               | 11          | 11       | 64       |         |
| 46/ 45      | . 2 . 4     |                       | 1                 |                    |  |                                       |            |               | 6.          | 6.       |          |         |
| 44/ 43      |             |                       |                   |                    |  | <del>-</del>                          |            |               | 2           |          | 12       | 7       |
| 42/ 41      |             |                       |                   |                    |  |                                       |            |               |             | -        | 4        |         |
| 46/ 39      |             |                       |                   |                    |  |                                       |            |               | • •         | •        |          | 2       |
| 2 / 37      |             |                       |                   |                    |  |                                       |            |               |             |          |          | _       |
| 35/ 35      |             |                       |                   |                    | i .  |                                       |            |               | ·           |          |          |         |
| 3 / 29      |             |                       | i l               |                    |  | 1                                     |            |               |             |          |          |         |
| CTAL        | 1.623.740.3 | 26.1 7.5 .8           |                   |                    |  |                                       |            |               |             | 9 50     |          | 33      |
|             |             |                       |                   |                    |  |                                       |            |               | 930         |          | 930      |         |
|             |             |                       | i                 |                    | 1 !  |                                       |            |               | - 1         |          |          |         |
|             |             |                       |                   |                    |  | 1                                     |            | •             |             |          |          |         |
|             |             |                       |                   | j                  |  |                                       |            |               |             |          |          |         |
|             |             |                       |                   |                    | <del>                                     </del> | <u> </u>                              |            |               |             | •        |          |         |
|             |             |                       |                   |                    |  |                                       |            |               |             |          |          |         |
|             |             |                       |                   |                    | 1  |                                       | 1          |               |             |          |          |         |
|             |             |                       |                   | 1 1                |  |                                       | -          |               |             |          |          |         |
|             |             |                       |                   |                    | <u> </u>   |                                       |            |               | ·           |          |          |         |
| į           |             |                       | j                 |                    |  |                                       | İ          |               |             |          |          |         |
|             |             |                       |                   |                    |  |                                       |            |               | ·           | :        |          |         |
|             |             |                       |                   |                    |  |                                       | i -        |               |             |          |          |         |
|             |             |                       |                   |                    |  |                                       |            |               | ·           |          |          |         |
|             |             |                       |                   |                    |  |                                       |            |               |             |          |          |         |
|             |             |                       |                   | 1 1                | 1  |                                       |            |               |             |          |          |         |
| Element (X) | ž X,        | Σχ                    |                   | No. Obs.           |  | · · · · · · · · · · · · · · · · · · · |            | of Hours with | <del></del> |          |          |         |
| Rel. Hum.   | 5654709     |                       | 7-31G-400         | 930                | 10F  | 5 32 F                                | ≥ 67 F     | ₹ 73 F        | + 80 F      | ▶ 93 F   | : 1 1    | Total   |
| Dry Bulb    | 3081052     | 53420 5               | 7.4 3.677         | 930                |  | <u> </u>                              | 1          | ļ             |             | ļ        |          | 9       |
| Wet Bulb    | 2689718     | 49860 5               | 3.6 4.224         | 9.30               |  |                                       |            |               |             | ļ        | 4        | 9       |
| Dew Paint   | 2376222     | 46714 50              | 1.2 5.661         | 930                |  | .3                                    |            |               |             |          |          | 9       |

OBSOLETE

FORM

PREVIOUS EDITIONS OF

0.26.3 OL A

## PSYCHROMETRIC SUMMARY

1231 LAJES AB AZ 72-81 JAN STATION NAME PAGE 1 2103-2300

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 - 12 13 . 14 15 . 16 17 - 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dr, Bub (F) 1 -1 67 . 2 2 . 5 16/ 65 13 . 8 +4/ 63 1.8 2.6 49 49 13 1 14 1 21 61 4.5 5.1 2.7 119 119 27 1 59 • 9 79 .1, 6.7; B.7; 3.7; 187 187 • 1 46 190 / 57 .4 4.6 8.C 5.2 2.2 190 76 139 55/ 55 .4 2.6 4.3 5.4 1.6 133 133 96 64/ 53 3.1 3.8 2.7 111 111 145 . 8 : 21 51 1.4 3.4 64 64 130 125 1./ 49 . 4 .8 1.5 27 27 117 158 4 ./ 47 .6 1.0 • 3 91 18 18 53 ....8 50 4-/ 45 . 4 . . . . . . \_72 44/ 43 1.0 9 £4 42/ 41 ٤D 4:/ 39 29 ? o/ <u>37</u> 15 34/ 35 34/ 33 7U/ 29 2 TAL 2.228.339.421.9 7.7 930 Element (X) Z x Zx X No. Obs. ø<sub>R</sub> Mean No. of Hours with Temperature 72987 930 5829729 78.510.461 5 0 F : 32 F ≥ 93 F Dry Bulb 56.9 4.146 930 3030928 52952 53.3 4.535 Wer Bulb 49599 930 93 2664333 Dew Point 46652 2371820

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ∢ ŏ 0-26-3 FORM JUN 71

GERBAL CLIMATOLOGY RRANCH COMPETAC AT - REATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

1 2.1 LAJES AS AZ STATION NAME 72-81 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

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TOTAL

TOTAL

TOTAL 7 7 69 .0 .0 .0 · · / 67 • 3 .1 1 5/ 65 119 119 552, 552 1.4 3.0 2.5 50 1.27 61 .1 3.3 6.1 3.3 1.4 1063 1063 276 63 .2 6.1 9.2 5.8 3.0 . 1841, 1841, 608. 467 5 3/ 57 .3 4.0 6.0 5.6 2.D 1352 1352 1143 651 2.7 3.4 5.6 1.6 54/ 55 1029 1029 1257 796 • 2 4/ 53 .5 2.0 3.3 2.2 1.1 .0 676 676 1130 938 1 2/ 51 . 8 .2 1.6 2.6 • 2 399 399 1045 945 · ./ 49 •9; 1.0 • 3 169 169 1004 635 .2 4 9/ 47 .6 .5 107, 107, 494, 767 40/ 45 الن و . 6 • 3 • 0 65 65 276 891 44/ 43 •0 • 5 46. 97 516 .1 46. 42/ 41 •1| •0 472 4 ./ 39 174 3 -/ 37 37 36/ 35 34/ 33 7.2/ 31 2.124.136.326.6 9.9 .9 7440: 7440 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. = 0 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 573039 77.01n.935 7440 Total 45025793 57.5 4.145 Dry Bulb 24725303 427791 744C 1.3 744 Wet Bulb 53.6 4.374 21504518 398666 7440

744C

Dew Point

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**EDITIONS** 

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GLUDAL CLIMATOLOGY BRANCH

ATR WEATHER SERVICE/MAC

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## **PSYCHROMETRIC SUMMARY**

TATION LAJES AB AZ --- FEA 72-61 STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 + 31 D.B. W.B. Dry Buib Wet Buib Dew Poin \_ 1 : 6/ 55 • 1 1 .4 4.9 1.2 .2 £4/\_63 52 12/ 61 4.1 2.8 .5 Q 63 63 .5 4.2 8.G 2.2 .2 6.7 59 51. 129 129 74 5 -/ 57 •7<sub>1</sub> 7•5<sub>1</sub> 6•5<sub>1</sub> 3•3 •4 157 75 157 46 54/ 55 .5 3.9 3.5 5.2 1.2 121 121 129 84 4/ 53 .4 2.5 6.2 3.2 2.2 123 123 108 94 1 2/ 51 .1 2.2 6.2 2.2 94 94 ø 2<sub>.</sub> 74 50/ 49 .5 2.2 25 25 130 65 • 1 49/ 47 2.5 1.6 45 45 101 68 • 5 • 2 19 46/ 45 19 76 1 . 4 84 104 44/ 43 • 2 . 8 11 11 18 42/ 41 . 2 . 2 15 74 43/ 39 33 3 8/ 37 20 36/ 35 12 34/ 33 ?2/ 31 6 TO TAL 2.634.340.218.0 4.8 849 849 849 Element (X) Z X' No. Obs. Ŧ Mean No. of Hours with Temperature Rel. Hum. 79.710.370 ± 0 F = 32 F ≥ 73 F ≥ 80 F + 93 F 249 Total 5484862 67670 55.5 4.585 52.2 5.174 Dry Bulb 2633127 47121 849 84 Wet Bulb 2340498 44360 849 54 Dew Point 2090543 41765 849 84

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UL MAL CLIMATOLOGY BRANCH ENAFETAC AI: WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

17 271 LAJES AB AZ TEATION NAME FEE

PAGE 1 0300-0500

|             |     |         |       |  |              |        |         |           |        |  |                |            |  |  |                |              | PAGE           |              | <u>ы Эдэ</u> гд<br>ноцяя | 5, *.          |
|-------------|-----|---------|-------|--|--------------|--------|---------|-----------|--------|--|----------------|------------|--|--|----------------|--------------|----------------|--------------|--------------------------|----------------|
| Temp.       |     |         |       |  |              |        |         |           |        | DEPRES   |                |            |  |  |                |              | TOTAL          |              | TOTAL                    |                |
| (F)         | 0   | 1 - 2   | 3 - 4 | 5 - 6  | 7 - 8        | 9 - 10 | 11 - 12 | 13 - 14 1 | 5 - 16 | 17 - 18 1  | 9 - 20         | 21 - 22 23 | - 24 25 -  | 26 27 - 28                                       | 29 - 3         | 0 = 31       | D.B. W.B.      | Dry Bulb     | Wet Buib                 | Dew Po         |
| . 6/ 65     |     |         | . 1   |  | -            |        |         |           |        |  |                |            |  |  |                |              | 1              | 1            |                          |                |
| . 4/ 53     | . 4 | 4.4     | • 9   | <u> </u>   |              |        |         |           |        |  |                |            |  |  |                |              | 48             | 4.8          | 5.                       |                |
| . 2/ 61     | • 5 | 4.7     | 2.4   | • 2  | . 4          |        |         |           |        |  |                |            |  |  |                |              | 69             | 69           | 5.5                      | 1              |
| . 1 59      |     | 4.8     | 8.6   | 2.1  | • 5          | i      |         |           |        | ·  |                |            |  |  | •              |              | . 136.         | 136          | 43.                      | _6             |
| 5 4/ 57     | - 4 |         |       | 2.8  |              |        |         |           |        | 1  |                |            |  |  |                |              | 141            | 141          | 73                       | 3              |
| 56/ 55      |     | 5.1     |       |  |              |        |         |           |        | +  |                |            |  |  |                |              | 130            | 130          |                          | _\$_           |
| 4/ 53       | . 4 |         |       | 3.8  | L            |        | 1       | ļ         |        | 1  |                |            |  |  |                |              | 135            | 135          | 113                      | 9              |
| 2/ 51       |     | 1.6     |       |  |              |        |         |           |        | +  |                |            |  |  | +              |              | . 79.          | 79           |                          | ¢              |
| - / 49      | i   |         | 2.7   |  |              |        | i       | į         |        | . ]  | i              |            |  |  |                |              | 37             | 37           | 139                      | 5              |
| 4 3/ 47     |     | 1.4     |       |  |              |        |         |           |        | <del></del>                                      |                |            |  |  | •              |              | 29             | 29           | 97.                      | - 5            |
| 44/ 45      |     | 2.0     | . 4   | •  |              | 1      | ļ       | 1         |        | 1  | ľ              |            |  |  |                |              | 24:            | 24           | 60.                      | 11             |
| 42/ 41      |     | 9<br>•1 | • 9   |  | <del> </del> |        |         |           |        | <del></del>                                      |                |            |  |  | <del>-</del>   |              | 17.            | 17           | •                        | <u>10</u><br>6 |
| 47/ 39      | [   | • •     | • 2   |  | ] ]          | '      | ,       | j         |        | 1  | I              | ŀ          |  |  |                |              | 3              | د            | . 5.                     |                |
| 3 / 37      |     |         |       |  |              |        |         |           |        | +  |                |            |  |  |                |              | ····           | •            |                          | $\frac{3}{2}$  |
| 36/ 35      |     | ĺ       |       | i  |              | 1      | Ì       | 1         |        | j !  | ŀ              | i          |  |  |                |              |                |              | • :                      | 4              |
| 34/ 33      |     |         |       |  |              |        |         |           |        | <del>                                     </del> |                |            |  | <del>-                                    </del> |                | -            | <del></del>    |              |                          |                |
| 32/ 31      |     | į       |       |  | ,            |        | j       |           |        |  | i              |            | ı  | İ  |                |              |                |              | :                        |                |
| STAL        | 2.1 | 36.5    | 39.3  | 17.9   | 4.1          |        |         |           |        | 1  |                |            |  |  | :              |              |                | 849          |                          | 84             |
| <u>{</u>    |     |         |       | [  |              | 1 1    |         |           |        |  |                |            |  | :  |                | i            | 849            |              | 849                      |                |
|             |     |         |       |  |              |        |         |           |        |  |                | 1          | 1  | !  |                |              |                |              |                          |                |
|             |     |         |       | L  |              |        |         |           |        | 1  |                |            |  |  | ·              | <del>-</del> | 1              |              |                          |                |
|             |     |         |       |  |              |        |         | {         |        |  |                | İ          | ĺ  |  |                |              | 1              |              |                          |                |
|             |     |         |       |  |              |        |         |           |        |  |                |            |  |  | 1              |              |                |              |                          |                |
| ł           |     |         |       | ļ  |              | } }    | ļ       |           |        |  |                |            | 1  | !  | I              |              | 1              |              |                          |                |
|             |     |         |       |  | ļ            |        |         |           |        | 1  |                |            |  |  | <u> </u>       |              | 1              |              |                          |                |
|             |     |         |       | [  |              | 1      | Í       |           |        | 1  |                | 1          | Ì  | Ì  | 1              | 1            | 1              |              |                          |                |
|             |     |         |       |  |              |        |         |           |        |  |                |            |  | <del></del>                                      | <b>!</b>       |              | <del></del>    |              |                          |                |
| 1           |     |         |       | }  | ) :          | )      | - 1     |           |        | 1  |                |            | -  | İ  | 1              | 1            | 1              | i            | ;                        |                |
|             |     |         |       | <del>                                     </del> | <b>-</b>     |        |         |           |        | <del></del>                                      |                |            |  |  | <del>!</del>   | <del></del>  | <del></del>    |              | <u> </u>                 |                |
| Í           |     |         |       | j  | <b>j</b> !   |        | ļ       |           |        | 1 1  |                | 1          |  | ĺ  | 1              | ;            | 1              |              |                          |                |
|             |     |         |       | ļ.——   |              |        |         |           |        | ╂  |                |            |  |  | <del> </del> - |              | · · · · · ·    |              |                          |                |
| j           |     | į       |       |  |              |        |         |           |        |  |                |            | İ  |  | ļ              | 1            | 1              | :            | :                        |                |
| Element (X) |     | Z x²    |       |  | ZX           |        | ¥       | -         | 1      | No. Obs  | <del>-  </del> |            |  | Mean   | No. of         | Hours wi     | th Temperati   |              | <u> </u>                 |                |
| Rel. Hum.   |     |         | 1821  |  | 680          | 30 5   |         | 10.25     |        | 84   |                | ± 0 F      | : 32   |  |                | ≥ 73 F       | . 80 F         | * 93 F       | t t                      | otal           |
| Dry Bulb    |     |         | 7300  | 1  | 470          |        |         | 4.59      | _      | 84   |                | <u>-</u>   | <del>                                     </del> | <del>- </del>                                    | +              |              | +              | 1            | <del></del>              | 8              |
| Wet Bulb    |     |         | 0774  | $\overline{}$                                    | 443          |        |         | 5.15      |        | 84   |                |            |  | <del></del>                                      | -              |              | - <del>+</del> | 1            |                          | 8              |
| Dew Paint   |     |         | 7192  | -  | 418          |        | 9.3     |           | _      | 84   |                |            | +  | - +  |                |              | +              | <del> </del> | <del>- +</del> -         | 6              |

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### **PSYCHROMETRIC SUMMARY**

1:201 LAJES AB AZ 72-81 \_\_\_ FE = \_<u>3600</u>-0860 Hours L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 D.B. W.B. Dry Buib Wer Buib Dew Point 14/ 63 4.8 . 8 48 48 : 4 .5 3.2 3.7 - 27 - 61 69 69 .6 4.4 6.8 2.3 125 125 39 55 501 57 37 .4 6.4 6.4 1.4 126 126 73 54/ 55 1.3 4.4 5.2 4.4 136 136 123 24 126 4/ 53 .1 3.4 5.9 4.6 1.5 132 132 89 F 27 51 33 .1 2.2 5.1 2.2 95 82 82 \_/ 49 .7 2.8 37 37 119 4:/ 47 .2 1.9 1.6 35 95 46/ 45 .1 3.3 79 34 . 8 44/ 43 19 31 1.3 64 42/ 41 94 4 7/ 39 32 3:/ 37 16 7:/ 35 10 34/ 33 TCTAL 3.436.439.617.6 3.1 849 849 849 Element (X) Mean No. of Hours with Temperature Rel. Hum. 5613503 68509 8C.7LC.U27 849 Dry Bulb 55.1 4.823 52.1 5.179 49.2 6.322 46802 2599738 849 04

849

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 4 ŏ 0-26-3

Dew Point

(AC FORM 0.26-3 OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL PAL CLIMATOLOGY BRANCH UTHERAC AT WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1 1 LAUFS AF AZ 72-81 FEE WON'H

STATION STATION NAME PAGE 1 2920-1152 HOUSE U.S. T.

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B. W.B. Dry Bulb Wet Bulb Dew Port (F) 16/ 65 • 4 • 2. . 4/ 63 5.2 2.6 1.4 0.0 60 - 4 1 21 61 4.2 7.1 2.0 .4 118 5 8 • 2 118 <u>7 59</u> -4 5.4 6.6 6.5 2.6 55. 5.7 184 184 ./ 57 4.0 5.5 4.8 2.2 147 147 136 66 130 567 55 104 . 8 2.4 3.5 7.1 1.5 130 107 1 4/ 53 .9 5.8 3.3 1.4 120 101 101 59 52/ 51 .9 2.8 1.6 49 104 <u>63</u> 49 5.1 49 .2 1.1 .4 14 146 4 3/ 47 .5 .6 50. 81 46/ 45 . 6 44 105 44/ 43 81 42/ 41 73 45/ 39 22 3 5/ 37 35/ 35 TOTAL 3.124.436.427.4 8.5 849 . 849. 849 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 5 0 F 5177993 65659 77.31C.866 849 Dry Bulb 2804728 48680 57.3 3.992 849 24 Wet Bulb 53.5 4.613 2450607 45445 849 84 Dew Point 2164049

**PSYCHROMETRIC SUMMARY** 

GL 30AL CLIMATOLOGY BRANCH US AFETAC AIR WEATHER SERVICE/MAC

17201 LAJES AB AZ STATION NAME 72-81

|             |              |       |               |  |          |        |  |                |               |                |             |             |                 |                |               |                                       |         | 1220               |            |
|-------------|--------------|-------|---------------|--|----------|--------|--|----------------|---------------|----------------|-------------|-------------|-----------------|----------------|---------------|---------------------------------------|---------|--------------------|------------|
| Temp.       |              |       |               |  |          |        |  |                |               | DEPRES         |             |             | -               |                |               | TOTAL                                 |         | TOTAL              |            |
| (F)         | 0            | 1 - 2 | 3 - 4         | 5 - 6  | 7 - 8    | 9 - 10 | 11 - 12  | 13 - 14 1      | 5 - 16        | 17 - 18 19     | 9 - 20      | 21 - 22 23  | - 24 25 - 2     | 6 27 - 28 29   | 30 • 31       | D.B. W.B. (                           | Dry Bub | Wet Buit           | Dew P      |
| 7 1/ 69     |              |       |               | -  | • 4      |        |  |                |               |                |             |             |                 |                |               | 3                                     | 3       |                    |            |
| 63/ 67      |              |       |               | • 2  |          |        | <u>.                                    </u>     |                | —.            |                | - · -       |             | - •             |                |               | 3_                                    | 3       | · ·                |            |
| 6/ 65       | )            | - 1   | 1.6           |  |          | • 1    |  |                |               |                |             |             |                 |                |               | 26                                    | 26      |                    |            |
| 4/63        |              | 5.9   | $\overline{}$ |  | 1.3      |        | -  |                |               |                |             | •           |                 |                |               | 140                                   | 140     | . 18               |            |
| 62/ 61      | • 5          |       |               |  | 3.7      |        | .l   |                |               |                |             |             |                 |                |               | 166                                   | 166     | 5.6                | 4          |
| 6 7 59      |              | 3.2   |               | 9.1  |          |        |  |                |               | ‡ :            | · •         |             | •               |                |               | . 194                                 | 194     |                    | 5          |
| 57 57       | .6           | 1.4   |               | 7.1  |          |        | :  |                |               |                |             | İ           |                 |                |               | 135                                   | 135     | 155                |            |
| 56/ 55      | • 5          |       |               | 6.6  |          | • 1    | <del>-</del>                                     |                |               |                |             |             |                 |                |               | 107                                   | 107     | 111                | _ 11       |
| 4/ 53       |              | • 2   |               | 1.6  | 1.1      |        | !  |                |               |                | :           |             |                 |                |               | 1                                     | 41      | 124                | 7          |
| 52/ 51      | <del>+</del> |       | 1.4           | 1.1  | -        |        | <del>!</del> -                                   |                |               | •              | i           |             |                 |                |               | 21.                                   | 21      | $\frac{118}{118}$  | 5          |
| 43/ 47      | . 1          | • 2   |               | • 2  | • 1      |        | <u>.</u> i                                       |                |               | .              |             |             |                 |                |               | 8;<br>3                               | 8       | _                  |            |
| 46/ 45      | • 4          | •1    |               |  |          |        | -  | <del></del>    |               | · · · · ·      |             |             |                 |                |               | · · · · · · · · · · · · · · · · · · · |         | - 33.<br>24        | . <u> </u> |
| 44/ 43      |              | • 4   |               |  |          |        | 1  |                |               | 1              |             |             |                 |                |               |                                       |         |                    | 7          |
| 42/ 41      |              |       |               |  |          |        | <del> </del>                                     | <del>   </del> |               | •              |             |             | •               | <b>→</b> · •   | • · · · · · · |                                       |         | 7.                 | · ˈ        |
| 40/ 39      |              | ;     |               |  |          |        |  |                |               |                |             |             |                 |                |               |                                       |         |                    | 1          |
| 3 1/ 37     | <del>†</del> |       |               |  |          |        | <del> </del>                                     |                |               | <del></del>    |             |             |                 |                |               | <b></b>                               |         | •                  |            |
| 31/ 35      |              | :     | !             |  | i        |        |  |                |               | 1 1            |             |             |                 |                |               |                                       |         |                    | •          |
| ^ TAL       | 1.61         | 6.6   | 27.8          | 35.6   | 17.2     | 1.2    | <del>                                     </del> |                |               |                |             |             |                 |                |               | <del></del>                           | 849     |                    | 94         |
| i           |              | _ ,   |               |  |          |        |  |                |               |                | 1           |             |                 |                |               | 849                                   |         | 849                |            |
|             |              |       |               |  |          |        |  |                |               |                |             |             |                 | • - • ·        | •             |                                       |         |                    |            |
| 1           | 1            | į     |               |  |          |        | i  |                |               |                |             |             |                 |                |               |                                       |         | į                  |            |
|             |              |       |               |  |          |        |  |                |               |                |             |             |                 |                |               |                                       |         |                    |            |
|             |              |       |               |  |          |        | <u> </u>   |                |               |                |             |             |                 | <b></b>        |               |                                       |         | ļ                  |            |
| i           | !            |       |               |  |          |        |  |                |               | 1 1            | ĺ           |             |                 |                |               |                                       |         |                    |            |
|             |              |       |               | L  |          |        | ļ  |                |               | 1              |             |             | <u> </u>        | <del></del>    |               |                                       |         |                    |            |
| į           | !            |       |               | İ  |          |        |  |                |               | 1 1            |             |             |                 | 1              |               | :                                     |         |                    |            |
|             |              |       |               |  | <u> </u> |        | ļ  |                |               |                |             |             |                 | <u> </u>       |               | ·                                     |         | ;<br>• •           |            |
| :           | ı            |       |               |  | i        |        |  |                |               | li             |             | .           |                 | 1              |               |                                       |         |                    |            |
|             |              |       | <u> </u>      | ↓  | ļ        |        | -  |                |               | <del>  -</del> |             |             |                 | · i            |               |                                       |         |                    |            |
|             | 1            | ĺ     | ı             |  |          |        |  |                |               |                |             |             | ĺ               |                |               |                                       |         |                    |            |
|             | <del>-</del> |       |               | ļ  | ļ        |        | <del> </del>                                     | <b>_</b>       |               |                |             |             |                 |                |               |                                       |         |                    |            |
| 1           | -            | Ì     |               |  |          |        |  |                |               | 1 1            |             | '           | Ì               |                |               |                                       |         |                    |            |
| Element (X) |              | ; x2  |               |  | z x      |        | <u> </u>   | -              | -             | No. Obs.       | <del></del> |             |                 | Mego No        | of Hours wit  | th Temperati                          | 418     | ·                  |            |
| Rel. Hum.   | <del>-</del> |       | 9402          |  | 623      | 32     |  | 11.02          | 6             | 84             | +           | ± 0 F       | ± 32 F          | ≥ 67 F         | ≥ 73 F        | ■ 80 F                                | 93 1    | F T                | otal       |
| Dry Bulb    |              |       | 2736          | <del>                                     </del> | 502      |        |  | 3.74           |               | 84             |             | <del></del> | † <del></del> - | 6              | <del></del>   | 1 1                                   | 1       | <del>- + - `</del> | -          |
| Wet Bulb    |              |       | u539          |  | 462      |        |  | 4.41           | $\overline{}$ | 84             |             |             | 1               | •              | 4             | <del> </del>                          |         | <del>- •</del>     |            |
| Dew Point   |              |       | 3216          | <b></b>  | 428      |        |  | 6.04           | _             | 84             |             |             | +               | <del>†</del> ~ | <del> </del>  | +                                     | +       |                    |            |

USAFETAC FORM 0-26-3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

4736922

2931740

2504132

62758

49786

45954

73.910.742

58.6 3.801

54.1 4.447

2

| St .FAL | CLIMA | TOLOGY  | BRANCH |
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| U.AFETA | 7 C   |         |        |
| AI . WE | ATHER | SERVICE | ZMAC   |

1701 LAJES AP AZ

## **PSYCHROMETRIC SUMMARY**

FEB.

84

|       |     |          |  |  |     |       |          |        |                |  |  |              |  |             |            |               |             |             | PAGE           | 1       | 1500:     | - <u>1,700</u> |
|-------|-----|----------|--|--|-----|-------|----------|--------|----------------|--|--|--------------|--|-------------|------------|---------------|-------------|-------------|----------------|---------|-----------|----------------|
| Tem   | p   | -        |  |  |     |       |          |        |                |  | RATURE   |              |  |             |            |               |             |             | TOTAL          |         | TOTAL     |                |
| (F)   |     | 0        | 1 - 2  | 3 - 4  | 4   | 5 - 6 | 7 - 8    | 9 - 10 | 11 - 12        | 13 - 14  | 15 - 16  | 17 - 18      | 19 - 20  | 21 - 22     | 23 - 24 25 | - 26 27       | 28 29 - 3   | 0 • 31      | D.B. W.B. D    | ry Bulb | Wet Bulb  | Dew Por        |
| 71    | 69  |          |  | 1  | !   |       | . 5      |        | Ī              |  |  |              |  |             |            | ī             | :           |             | 2              | 2       |           |                |
| 5 3/  | 67  |          | i  | <u>i                                      </u> |     | . 4   | • 1      |        | <u></u>        | <u> </u>   |  |              |  |             |            |               |             |             | 4              | 4       |           |                |
| . 61  | 65  |          | . 2  | 1.   | 1   | • 5   |          |        |                | Ī  | 1  | 1            | i .  | i           | 1          | 1             |             |             | 15             | 15      |           |                |
| : 4/  | 6.3 |          | 4 . 6  |  |     |       |          |        | 1              | <u> </u>   |  | ·<br>        | Ĺ  |             |            |               |             | - <b>.</b>  | 118            | 118     | 14        |                |
| + 27  | 61  | • 2      |  |  |     |       | 2.7      |        |                | •  | :  | I            |  |             |            |               |             |             | 141            | 141     | 53        | 21             |
| 1/    |     | <u> </u> |  |  |     |       | 5.1      | 1      |                | L  | !  |              |  |             |            |               |             |             | 215            | 215.    | 8.2.      | 5 1            |
| /د 🤄  | -   | • 7      |  |  |     |       | 3.4      |        |                | ł  | f  |              |  |             |            | 1             | i           |             | 148            | 148     | 142       | 7 :            |
| 51/   |     | • 1      |  | 2.   | 7   | 6.7   | 2.1      | .1     |                |  |  |              | L  |             |            |               |             |             | 116            | 116     | 115       | <u>ا با 1</u>  |
| 54/   |     | • 2      | ,  |  |     | 3.1   | • 7      |        | j              | ,  |  | j            |  |             |            |               |             |             | 46             | 46      | 121       | 7 :            |
| 721   |     | 1        |  |  |     | . 8   | • 2      |        |                |  |  | ļ            |  |             |            |               |             | -           | 24             | 24      | 135       | 7.9            |
| r :/  |     |          | • 1  |  | 2   | . 4   | • 2      |        |                | 1  |  |              |  |             |            |               | i           |             | . 8.           | 8       | 138       | 6              |
| 4 ./  |     | 2        | 1  |  | - 1 | -1    |          |        | <u> </u>       | <del>                                     </del> |  |              | -  |             |            |               |             |             | 9              | 9.      | ·         | 10             |
| 45/   |     |          | İ  | •  |     |       | i        |        |                |  | į  |              |  |             | i          |               |             |             | 1              | 1       | 19        | 111            |
| 44/   |     |          |  | •  | 1   |       |          |        | <del>  </del>  |  | ļ  |              | ļ  |             |            | i             |             | _ <b>i</b>  | <b>2</b> ;     | 2.      | <b></b> ; | 6              |
| +21   | -   |          |  |  |     |       |          |        | l              |  | 1  | 1            | 1  |             |            |               | 1           | 1           |                |         | 2;        | 5 !            |
| 4 /   |     |          | <del>                                     </del> | <del> </del>                                   | +   |       |          |        | <b>├</b>       | <b>├</b> ──                                      | <del> </del>                                     | l            | <del> </del>                                     | <del></del> |            |               | _           | <del></del> | <del>-</del> - |         | 1.        | 1              |
| 3./   | - 1 |          | ł  | 1  | 1   | ľ     |          |        | }              | 1  | 1  | ł            |  |             | -          | į             | 1           | Ì           |                | 1       |           | 1.             |
| 14/   |     |          | <del>                                     </del> |  | +   |       |          |        | <del></del> -  | <del></del>                                      | <del> </del>                                     | ļ ———        | <del></del>                                      |             |            |               |             | +           | <del></del>    |         |           | !              |
| 34/   | :   |          |  |  |     |       |          | _      | .]             |  |  |              |  |             | -          |               |             |             |                |         |           | _              |
| O TAL |     | _2.1     | 15.5   | 229.   | 4 5 | 7.3   | 15.3     | 2      | <del>'</del>   | <del> </del>                                     | <del></del>                                      | <del></del>  | <del>                                     </del> |             |            | -1            | <del></del> | <del></del> | +              | 849     |           | 349            |
|       |     |          |  |  |     |       |          |        |                |  |  |              | ]  |             |            | ļ             |             |             | 849            |         | 649       |                |
|       |     |          | +  | ┼—   |     |       |          |        |                | -  |  | -            | <del> </del>                                     | +           |            | <del></del> - |             | <del></del> | <del> </del>   |         |           |                |
|       |     |          |  | İ  |     |       |          |        |                |  |  |              | •  |             | i          | 1             | i           | 1           |                | į       |           |                |
|       |     |          | <del> </del>                                     | +  | +   |       |          |        | <del> </del>   | <del></del>                                      | <del> </del>                                     | <del> </del> | <del> </del>                                     |             |            |               |             | <del></del> | <del></del>    |         |           |                |
|       |     |          |  |  |     | 1     |          |        |                |  | [  | ĺ            |  |             | [          | - 1           | ĺ           | 1           | i              | ;       |           |                |
|       |     |          | <del> </del>                                     | +  | +   |       |          |        | <del> </del>   | <del> </del>                                     | <del> </del>                                     |              |  | -           |            | <del></del>   | _           | -+          |                |         |           |                |
|       | ı   |          | 1  |  |     | - 1   |          | }      | }              | 1  | 1  |              | }  |             |            | ļ             | 1           |             |                | }       | ļ         |                |
|       |     |          | <del>                                     </del> | <del> </del>                                   |     |       |          |        | <del> </del>   | <del> </del>                                     | <del>                                     </del> |              |  |             |            |               |             |             | <del>-</del>   |         |           |                |
|       |     |          |  |  |     |       |          |        |                |  | 1  |              |  | 1           |            |               | i           | :           |                |         |           |                |
|       |     |          | 1  | +  | +   |       | <u> </u> |        | <del> </del>   | <del>                                     </del> | <del>                                     </del> | <b></b>      |  | +           |            | <del></del>   |             | <del></del> | +              |         |           |                |
|       |     |          |  |  |     |       |          |        |                |  | Ì  |              | ]  |             | Ì          |               | 1           |             | 1              |         | , i       |                |
|       |     |          | <del>                                     </del> | +  | +   |       |          |        | <del>  -</del> | <del> </del>                                     | <del>  -</del>                                   |              |  | +           |            |               | <del></del> | ··•         | <del></del>    |         |           |                |
|       |     |          |  |  | 1   |       |          |        |                |  |  |              |  |             | j          | I.            |             |             | !              |         | . :       |                |
|       |     |          |  |  |     |       |          |        |                | 1  |  |              |  |             |            |               |             | 4           |                |         |           |                |

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72-81

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GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 1 2 1 LAJES AB AZ 72-81 FEB
STATION STATION NAME PAGE 1 1800-2000

| <del></del>  |         |              |             |       |        |           |  |                 |                              |              |  |               |              |                    | t. 1        | HOURS I     | . 5. 7.  |
|--------------|---------|--------------|-------------|-------|--------|-----------|--|-----------------|------------------------------|--------------|--|---------------|--------------|--------------------|-------------|-------------|----------|
| Temp.<br>(F) | 0 1-2   | 3 - 4        | 5.6         | 7.8   |        |           |  |                 | DEPRESSION<br>17 - 18 19 - 2 |              | 24 25 2  | 4 27 . 28 29  | 30 21        | TOTAL<br>D.B. W.B. | Dry Bulk    | TOTAL       | Dow P    |
| 16/ 65       | 1-2     | 3 - 4        | • 1         |       | 7 - 10 | 111-12    | 13 - 14 1  | 9 - 10 1        | 17 - 18 19 - 2               | 0 21 - 22 2. | 3 - 24 23 - 2                                    | 27 - 28 - 21  | - 30 - 31    | ,                  | 1           |             |          |
| 04/ 63       | 4.1     | 1.8          |             | !     | . 1    |           |  |                 | 1                            |              | !  | 1             |              | 58                 | 58          | 4           |          |
| 62/ 61       | .4 4.2  |              |             | • 8   |        |           | -  | 1               |                              |              |  |               |              | 92                 |             |             | <u>-</u> |
| 1.0/ 59      | .1 4.7  | 7.4          |             | • 3   |        |           |  |                 |                              |              | ı  |               |              | 148                | 148         | 60          | •        |
| 5 8/ 57      | -6 5.3  |              |             | . 6   |        |           | :  |                 | Ī                            |              |  |               |              | 168                | 168         | 107         |          |
| 5 0/ 55      | .5 4.4  |              |             | 1.7   | • 1    |           | <u>. 1</u>                                       | 1               |                              |              |  | . !           |              | 170                | 170         | 104         | 9        |
| 54/ 53       | .2 1.8  | 4.4          | 4 . 8       | 1.3   |        |           |  |                 |                              |              |  | 1             |              | 106                | 106         | 121         |          |
| F 2/ 51      | 1.3     |              | 1.7         | . 2   |        |           | 1  |                 |                              |              |  | · i - · · · · |              | 55                 |             |             |          |
| 53/49        | - 4     |              | Į           | . 4   | Ì      |           | ;  | l               |                              | 1 T          | , -  | 1             |              | 20                 |             |             |          |
| 43/ 47       | • 5     |              |             | 1     |        |           |  |                 |                              | 1            |  | ·             | <del></del>  | 19                 | <del></del> |             |          |
| 45/ 45       | • 2     |              | • 5         | 1     | ]      |           | 1 1  | j               | j                            |              |  |               |              | 8                  |             |             | 1        |
| 44/ 43       |         | -4           |             |       |        |           | <b></b>  |                 |                              | 1            | i  | 1 1           |              | 3                  | 3           | 13          |          |
| 42/ 41       | İ       |              | 1           |       | }      |           |  | 1               | ł                            | 1 1          |  |               |              |                    |             | 7           |          |
| 4 3/ 39      |         | ļļ           |             |       |        |           | <b></b>  |                 |                              | +            |  | <del></del>   |              |                    | •           | 5           |          |
| 33/ 37       |         |              | ĺ           | - 1   | -      |           | ( )  | 1               |                              | 1 1          |  |               |              |                    |             |             |          |
| 36/ 35       |         | ├            |             |       |        | ļ <u></u> | <del>                                     </del> | <b></b> +       |                              | <del></del>  |  | •             | <del></del>  |                    | ·           |             |          |
| 3+/ 33       |         |              |             |       |        |           |  |                 | 1                            |              | :  |               |              |                    | <b>6 4</b>  |             | _        |
| CTAL         | 1.826.9 | 36.1         | 29.0        | 6 · U | • 2    |           | <del> </del>                                     | -+              |                              | +            | <del>-</del>                                     | <del></del>   |              |                    | 848         |             | 8        |
| 1            | İ       | l i          |             | İ     |        |           |  | ļ               |                              |              |  | •             |              | 848                | r'          | 848         |          |
|              |         |              | <del></del> |       | -      |           | <del>                                     </del> |                 |                              | +            | <del></del>                                      | <del>-</del>  |              |                    | ·           | +           |          |
| j            |         | ) }          | }           | j     |        |           | 1  |                 |                              |              | i  |               |              |                    | i .         |             |          |
|              |         | <del> </del> |             |       |        |           |  | $\neg \uparrow$ |                              | +            |  |               |              | <del> </del>       |             |             |          |
| 1            |         |              | - 1         |       | ļ      |           | 1 1  |                 |                              |              |  |               |              |                    | !           | , ;         |          |
|              |         |              |             |       |        |           |  |                 |                              |              |  | <u> </u>      | <del>-</del> |                    | 1           |             |          |
| 1            |         | 1 1          | 1           | 1     | Ì      |           | 1  | 1               | ŀ                            | }            | · ·  | i             | i            | 1                  | :           | ,           |          |
|              |         |              |             |       |        |           |  |                 |                              |              |  | -             |              | !                  | 1           |             | . —      |
|              |         | <u> </u>     |             |       |        |           |  | 1               |                              |              |  |               |              |                    | 1           |             |          |
|              |         |              |             |       |        |           |  |                 |                              |              |  | 1 )           | 1            |                    | 1           | -           |          |
|              |         | 11           |             |       |        |           |  |                 |                              |              |  | <u>ii_</u>    |              | _i                 | i<br>       | <u> </u>    |          |
|              |         |              |             |       |        |           |  |                 |                              |              |  | 1 1           |              | 1                  |             |             |          |
|              |         |              |             |       |        |           |  |                 |                              |              |  | 1 1           |              | ·                  |             |             |          |
|              | [       |              |             |       |        |           |  |                 |                              | 1 T          | 1  | !             |              |                    |             |             |          |
| Element (X)  | Zxi     |              |             | EX    |        | <u> </u>  |  | $\top^{\perp}$  | No. Obs.                     | ┥            |  | Mean No.      | of Hours w   | ith Tempera        | ture        |             |          |
| Rel. Hum.    |         | 3252         |             | 6582  | 2.0    |           | 10.55  |                 | 848                          | ± 0 F        | 1 32 F   | + 67 F        | ≠ 73 F       | - 80 F             | - 93        | F 1         | otel     |
| Dry Bulb     |         | 0047         |             | 4799  |        |           | 3.94   |                 | 848                          | <del> </del> | <del>                                     </del> | <del></del>   | +            | <u> </u>           | 1           | +           |          |
| Wet Bulb     |         | 9956         |             | 4484  |        |           | 4.64   |                 | 848                          | <b></b>      | <del> </del>                                     | +             | <del> </del> |                    | +           | <del></del> |          |
|              |         |              |             |       |        |           |  |                 | <del></del>                  |              |  |               |              |                    |             |             |          |

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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| GL HAL   | CLIMA | TOLOGY  | BRANCH |
|----------|-------|---------|--------|
| US AFETA | C     |         |        |
| ATH WEA  | THER  | SERVICE | /MAC   |
|          |       |         |        |

## **PSYCHROMETRIC SUMMARY**

| 17201   | LAUES AD AZ  | 72-81 | FE8   |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1

| Temp.       |       |              |              |  |              |              |              | TEMPERA  |                   |             |        |  |          |          |              |          | TOTAL         |             | TOTAL            |           |
|-------------|-------|--------------|--------------|--|--------------|--------------|--------------|--|-------------------|-------------|--------|--|----------|----------|--------------|----------|---------------|-------------|------------------|-----------|
| (F)         | 0     | 1 - 2        | 3 - 4        | 5 - 6  | 7 - 8        | 9 - 10       | 11 - 12      | 13 - 14 1  | 15 - 16 1         | 17 - 18     | 9 - 20 | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28 29   | - 30 + 3 | 1 D.B. W.B.   | Dry Bulb    | Wet Bulb C       | Jew Po    |
| 1 / 67      |       |              |              | • 1  | •            |              |              |  |                   |             |        |  |          |          |              |          | 1             | 1           |                  |           |
| 66/ 65      |       | . 7          | . 4          |  | 1            |              |              | . i  |                   |             |        |  |          |          |              |          | 9             | 9           |                  |           |
| 4/ 63       | 1.    |              | 1.8          |  | :            |              |              |  |                   |             |        |  |          |          |              |          | 5.2           | 5.2         | 9                |           |
| 2/ 61       |       |              | 3.9          | i  | . 1          |              | i            | 1  |                   | i           |        | ١,   |          |          |              |          | 76            | 76          | 47               | 1         |
| 1 59        |       |              | 6.0          | <del></del>                                      | +            |              | 1            | *  |                   |             |        |  |          | •        | · - •        |          | 120           | 120         | 50               | 5.        |
| 5-/ 57      |       |              | 5.8          |  |              |              |              |  | 1                 | i           |        | !  |          |          |              |          | 140           | 146         | 106              | 5         |
| 54/ 55      |       |              | 5.3          |  |              |              | 1            | 1  |                   | -           |        |  |          | • •      |              |          | 160           | 160         | 116              | 9         |
| 54/ 53      |       |              | 5.4          |  |              |              |              |  | i                 |             |        |  |          |          |              |          | 128           | 128         | 105              | ý         |
| - 2/ 51     |       |              | 6.0          |  |              |              |              | 1  |                   |             |        |  |          |          |              |          | 75            | 75          | 97               | 7         |
| 1 49        |       |              | 3.5          |  |              |              | }            |  |                   | )           |        | j  |          |          |              |          | 48            | 48          | 133              | 7         |
| 4:/ 47      |       | •6           |              |  |              |              | 1            |  |                   |             |        |  |          |          |              |          | 18            | 18          | 110              | 7         |
| 45/ 45      |       | .8           | 1            | t t  | J            |              | !            |  | ļ                 | ļ           |        | } }  |          |          | . i          |          | 16            | 16.         | 41               | 10        |
| ~4/ 43      |       | •1           |              |  |              |              | <del></del>  | <del>  </del>                                    |                   |             |        | 1  |          |          | •            |          | <u></u>       | 4           | 14               | 7         |
| 42/ 41      |       | - 1          | • •          | 1  | Į            |              | 1            | 1  | ł                 |             |        | ! !  |          |          |              |          | •             | •           | 13.              | 6         |
| 4 / 39      |       |              | <del> </del> | <del> </del>                                     | <del></del>  | i            |              | <del>                                     </del> |                   |             |        | :  |          | ·——-     |              |          |               |             | 6                | 1         |
| 35/ 37      |       | ĺ            |              | ĺ  |              | 1            | -            | i l  | ł                 | į           |        |  |          |          |              |          | ;             |             | •                | i         |
| 35/ 35      |       |              | <del> </del> | <del>                                     </del> | <del> </del> |              | <del> </del> | 1  |                   |             |        |  |          |          |              |          | <del></del>   |             |                  | <u>+</u>  |
| 34/ 33      |       |              | İ            |  | 1            |              |              |  | Í                 | -           |        | i i  |          |          |              |          |               |             |                  | •         |
| 2/ 31       |       |              | <del> </del> | <del> </del>                                     | <del> </del> |              |              | <del>  </del>                                    |                   |             |        | <del>   </del>                                   |          | ,        |              |          | <del></del>   |             | ·                |           |
| 29/ 27      |       |              |              |  |              |              | 1            | 1  | İ                 | İ           |        |  |          |          |              |          | į             | 1           | -                |           |
| CTAL        | 7 1   | 71 5         | 70 4         | 21 4   | 4.4          | • 2          | <del> </del> | 1  |                   | +           |        |  |          |          |              |          | <del></del>   | 947         |                  | 84        |
| 125         | J • 1 | 31.5         | 7,4          | 21.4   | 7.7          | • 2          |              |  | l                 |             |        |  |          |          |              |          | 847           | 7-11        | 847              | 0 4       |
| <del></del> |       |              | <del> </del> | <del> </del>                                     | <del> </del> | ļ            | <del> </del> | ++   |                   |             |        | <del>                                     </del> |          |          |              |          |               |             | 041              |           |
| ;           |       |              |              | ĺ  |              |              |              | 1 1  | ŀ                 | 1           |        |  |          | ŧ        |              |          | • ;           |             | 1                |           |
|             |       |              | <del></del>  | <del> </del>                                     | <del> </del> |              | <del> </del> | <del>  </del>                                    |                   | <del></del> |        | <del>                                     </del> |          |          |              |          | <del>-</del>  |             |                  |           |
| j           |       |              | į            |  | j            |              |              |  | ļ                 |             |        |  |          |          |              |          | 1             | 1           |                  |           |
|             |       | ļ ———        |              | <del> </del>                                     | <del> </del> |              | <del> </del> |  |                   | -           |        | <del>                                     </del> |          |          | <del></del>  | i        |               |             |                  |           |
| 1           |       |              | 1            | 1  |              | }            | 1            |  | 1                 | }           |        | ] }  |          |          |              |          | 1             | :           | 1                |           |
|             |       | <u> </u>     | <u> </u>     | <del> </del>                                     | <b></b>      | <b>_</b>     | <del> </del> | <del>  </del>                                    | +                 |             |        | <del>}</del> -                                   |          |          | <b>-</b>     |          | <del></del>   |             | ··· <del>-</del> |           |
| ł           |       |              |              | 1  | 1            |              | 1            | 1 1  | 1                 |             |        |  |          |          |              | 1        | 1             |             | j                |           |
|             |       |              | <del> </del> | ├  | <del> </del> | <del> </del> |              | ┼──┼   | $\longrightarrow$ |             |        | <del>  </del>                                    |          |          | <del> </del> | +-       | <del></del>   |             | +                |           |
|             |       | 1            | 1            |  | 1            | 1            | ì            | 1  | ł                 | 1           |        |  |          |          | ].           | i<br>i   | -             |             | 1                |           |
|             |       | <del> </del> |              | <del> </del>                                     | <del> </del> |              | <del> </del> | ++   | ∔                 |             |        | <del>├</del> —                                   |          | <b> </b> |              | i_       |               | <del></del> | +                |           |
| ĺ           |       | [            | 1            | 1  | (            |              |              | 1 1  |                   | ł           |        | ( )  |          | ( i      |              | i        | 1             |             | 1                |           |
| Element (X) |       | 2 x'         | L            | <del>                                     </del> | ZX           | <del></del>  | <u> </u>     |  | <del></del> -1    | No. Obs     | 1      |  |          |          | Mass No      | of Moure | with Temperat |             |                  |           |
| Rel. Hum.   |       |              | 2205         | <del></del>                                      |              |              |              |  |                   |             | +      | = 0 1  |          | 32 F     | ≥ 67 F       | = 73 F   |               | + 93 F      | •                | otal      |
| Dry Bulb    |       |              | 2700         |  | 672          | _            |              | 10.53  |                   | 84          |        | 201  |          | . 32 F   |              | +        |               | + 73 F      |                  |           |
| Wet Buib    |       |              | 7515         |  | 474          |              |              | 4.29   | _                 | 84          |        |  | $\dashv$ |          |              | Ч        |               | +           |                  | 25        |
|             |       |              | 2879         |  | 446          |              |              | 4.94   | _                 | 84          |        | ·  |          |          |              | +        |               | <del></del> |                  | - 04      |
| Dew Point   |       | _212         | 0687         | <u></u>  | 420          | <u> </u>     | 49.6         | 6.37   | 4                 | 84          | 17     |  |          | 3        |              |          |               | 1           |                  | <u>64</u> |

USAFETAC FORM 0.26-3 OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GL DRAL CLIMATOLOGY BRANCH US AFETAC AIR REATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 7 201      | LAJES   | AB AZ       |             | _         |                  | 72-81           |                |                                       |  |  |                                       |          | F E      | E 9     |
|------------|---------|-------------|-------------|-----------|------------------|-----------------|----------------|---------------------------------------|--|--|---------------------------------------|----------|----------|---------|
| STATION    |         |             | STATION NAM | ME        |                  |                 |                | Y                                     | EARS   |  |                                       |          | MON      | TH      |
|            |         |             |             |           |                  |                 |                |                                       |  |  | PAG                                   | E 1      | - AJURS  | L L<br> |
| Temp.      |         |             |             | WET BU    | LB TEMPERAT      | URE DEPRESSI    | ON (F)         |                                       |  |  | TOTAL                                 |          | TOTAL    |         |
| (F)        | 0 1 - 2 | 3 - 4 5 -   | -6 7-8      | 9 - 10 11 | - 12 13 - 14 15  | - 16 17 - 18 19 | - 20 21 - 22 2 | 3 - 24 25 - 26                        | 27 - 28 29                                       | - 30 ≥ 31  |                                       | Dry Bulb | Wet Bulb | Dew Po  |
| 7:/ 69     |         |             | • 1         |           | 1                |                 |                |                                       |  |  | 5                                     | 5        |          |         |
| 63/ 67     |         | . !         | .1 .3       |           |                  |                 |                |                                       |  |  | 8                                     | 8        |          |         |
| 5/ 65      | .2      | • 5         | •2 •C       | • 0       |                  |                 |                | !                                     | <del>*</del>                                     |  | 58                                    | 58       |          |         |
| 4/ 63      | .1 4.7  | 2.2 1       | .5 .2       | • 1       |                  |                 |                | ,                                     |  |  | 601                                   | 601      | 64       | 3       |
| -2/ 61     | .3 3.7  | 5.1 1       | .6 1.0      |           |                  |                 |                |                                       |  |  | 794                                   | 794      | 428      | 14      |
| 50/ 59     |         | 7.1 4       |             | • 1       |                  |                 |                |                                       |  |  | 1251                                  | 1251     | 456      | 46      |
| 58/ 57     | -6 5.0  | 5.0 4       | .8 1.6      | • 0       |                  |                 |                |                                       |  |  | 1162                                  | 1162     | 867      | 45      |
| 5t/ 55     |         | 3.9 6       | . 3 1 . 3   | • 1       |                  |                 |                |                                       |  |  | 1070                                  | 1070     | 938      | 77      |
| 4/ 53      | .3 1.9  | 4.6 3       | 3.7 1.4     |           |                  |                 |                |                                       |  |  | 812                                   | 812      | 938      | 69      |
| 2/ 51      | .1 1.3  |             | .6 .1       |           | _                |                 | _              |                                       |  |  | 479                                   | 479      | 828      | 61      |
| 50/ 49     | •0 •5   | 1.8         | . 4 . 1     | i         |                  | 1               |                | i                                     |  |  | 197                                   | 197      | 1033     | 53      |
| 48/ 47     | •1 •9   |             | . 3 . 1     |           |                  |                 |                |                                       | 1 1  |  | 170                                   | 170      | 619      | 64      |
| 10/ 45     | •0 1.1  | • 3         | -3 -0       | 1         |                  |                 |                |                                       | ;  |  | 113                                   | 113      | 382      | 8.      |
| 4/ 43      | • 3     | . 4         | • 1         |           |                  |                 |                | · · · · · · · · · · · · · · · · · · · | <b></b>  |  | 56                                    | 56       | 124      |         |
| 2/ 41      | • 1     | - 1         | 1 1         |           |                  | 1               |                |                                       |  |  | 13                                    | 13       | 76.      | 56      |
| 1/ 39      |         |             |             |           |                  |                 |                |                                       |  |  |                                       |          | 32       |         |
| 31/ 37     |         | }           |             |           |                  |                 |                |                                       |  | 1  |                                       |          | 4        | 12      |
| 6/ 35      |         |             |             |           |                  |                 |                |                                       |  |  |                                       |          |          |         |
| 34/ 33     |         |             | 1 1         | ł         |                  |                 | 1 1            |                                       |  |  |                                       | į        | 1        | 2       |
| 2/ 31      |         |             | <del></del> |           |                  |                 |                |                                       | <del></del>                                      |  | •                                     | i        |          |         |
| 23/ 27     |         |             |             |           | 1 1              |                 | 1 1            |                                       |  |  | 1                                     |          |          | _       |
| TAL        | 2.527.8 | 36.025      | 1.5 7.9     | - 3       | <del>-   -</del> |                 |                |                                       | · · · · · ·                                      |  |                                       | 6789     |          | 676     |
| ;          | i       |             | 1 1         | ł         | 1 1              | 1 1             | 1              | 1                                     | ŧ.   |  | 6789                                  |          | 6789     |         |
|            |         | +_          |             |           |                  |                 |                |                                       | <del>     </del>                                 |  |                                       |          | ·        |         |
| Ì          |         |             | 1 1         |           | 1 1              | 1 1             | 1 1            |                                       | !  |  |                                       |          |          |         |
|            |         |             |             |           |                  |                 |                | <del></del>                           | <del>  </del>                                    |  |                                       | ·        |          |         |
| 1          | i       |             | 1 1         | 1         |                  | 1 1             | 1 1            |                                       |  | 1  |                                       |          |          |         |
|            |         |             | <del></del> | -+        |                  |                 | <del></del>    |                                       | +  |  | <u> </u>                              |          |          |         |
|            | 1       | . 1         | 1 1         | ı         | 1 1              |                 |                | Ì                                     |  |  | 1                                     |          |          |         |
|            |         | <del></del> |             |           | <del></del>      | <del></del>     |                |                                       | <del>                                     </del> | <del>-                                    </del> | <del></del>                           |          |          |         |
| 1          | ∫ i     | 1           |             | -         |                  |                 |                | 1                                     | j  |  | 1                                     |          |          |         |
|            |         | <del></del> | <del></del> |           |                  |                 |                |                                       | <del>                                     </del> |  | · · · · · · · · · · · · · · · · · · · |          |          |         |
|            |         |             |             |           | 1 1              |                 |                | Ì                                     |  | Ì  | 1 !                                   |          |          |         |
| lement (X) | Z X 2   |             | ZX          | T X       |                  | No. Obs.        | <del></del>    | <u> </u>                              | Mean No.   | of Hours wit                                     | h Temperat                            | ure      |          |         |
| el. Hum.   | 4187    | 0455        | 52803       | 3 77      | 810.865          | 6789            | ± 0 F          | : 32 F                                | ≥ 67 F   | ≥ 73 F   | ≥ 80 F                                | • 93 F   |          | Total   |
| ry Bulb    | 2198    |             | 38516       |           | 7 4.469          |                 |                |                                       | 1.3  | +  | <del></del>                           | 1        |          | 6       |
| et Bulb    |         | 2615        | 36008       |           | C 4.907          |                 |                |                                       |  |  | 1                                     | 1        |          | 6       |
| ew Point   | 1703    |             | 33741       |           | 0.7 6.249        |                 |                | . 5                                   |  | f  | 1                                     | 1        |          | 6 7     |

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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| ١.  |   | ٠, ;. | A | . (   | CL | IMA | TCI | ٥.  | ĠΥ  | 88 | ANCH |  |
|-----|---|-------|---|-------|----|-----|-----|-----|-----|----|------|--|
| ٔ ز |   | AF    | ٤ | T A ( | C  |     |     |     |     |    |      |  |
| Δ.  | Ţ |       |   | Α     | TΗ | ۲ĸ  | SE  | ۷ S | ICE | 14 | AC   |  |

# **PSYCHROMETRIC SUMMARY**

| 13201<br>STATION | LA. | JES        | AS A   | <u> </u>   | TATION N  |  |             |         |         | 71-            | 80           |                 |           |         | APS  |          |         |                                       |          | M /          | <u> </u> |
|------------------|-----|------------|--|--|---|--|-------------|---------|---------|----------------|--------------|-----------------|-----------|---------|--|----------|---------|---------------------------------------|----------|--------------|----------|
| STATION          |     |            |  | s  | TATION N  | AME  |             |         |         |                |              |                 |           | ٧E      | A # 5  |          |         | PAGE                                  | ,        | <br>-0000    |          |
|                  |     |            |  |  |   |  |             |         |         |                |              |                 |           |         |  |          |         |                                       |          | HOLRS L      |          |
| Temp.            |     |            |  |  | ,   | WET  | BULB T      | EMPER   | ATURI   | DEPRE          | SSION        | (F)             |           |         |  |          |         | TOTAL<br>D.B. W.B. Dr                 | - [      | TOTAL        |          |
| (F)              | 0   |            |  | +  |   | 9 - 10   | 11 - 12     | 13 - 14 | 15 - 16 | 17 - 18        | 19 - 20      | 21 - 22 2       | 23 - 24 2 | 25 - 26 | 27 - 28 2  | 9 - 30   | * 31    |                                       |          |              | Dew Poin |
| 44/ 63           | c   |            | 3.2  |  |   |  | ' !         | į       |         | 1              |              |                 |           |         |  |          |         | 36<br>80                              | 36<br>80 | 7 4          |          |
| 62/ 61           |     |            | 11.7   |  |   |  | <del></del> |         |         | <del></del>    |              |                 |           |         |  |          |         | 195                                   | 195      |              | 46       |
| 55/ 57           |     |            | 6.5  |  |   | 1  |             |         |         | 1              |              | 1               | ļ         |         |  |          |         | 162                                   | 162      | 142          | 87       |
| 55/ 55           | 1.3 |            | 5.3  |  |   |  |             |         |         |                |              |                 |           |         |  |          |         | 180                                   | 190      | 150          | 113      |
| 4/ 53            |     |            | 4.5  |  |   | i l  |             |         |         |                |              | 1               |           |         |  |          |         | 100                                   | 100      | 133          | 126      |
| 12/ 51           |     |            | 4.9  |  | • 1   |  |             | į       |         | ĺ              |              | : 1             | +         | i       |  |          |         | 83                                    | 83       | 102          | 116      |
| 5 / 49           | . 4 |            | 2.8  |  | Ĺ   | <b>i</b>   |             |         |         | <del> </del>   |              | -               |           |         |  |          |         | 4 3                                   | 43       |              | 62       |
| 48/ 47           |     |            | 1.4  |  | i   |  |             |         |         | i              | ļ            | ]               |           |         |  |          |         | 32                                    | 32       | 90           | 71       |
| 46/ 45           |     | 1.2        |  |  | ļ   |  |             |         |         | <del> </del> - |              | <del> </del>  - |           |         |  |          |         |                                       | 17       |              |          |
| 44/ 43           |     | • 1        | - 1  |  | (   | 1  | 1           | (       |         | 1              |              | 1 1             | ,         |         | 1 i  | :        |         | 2:                                    | 2        |              | 73       |
| 4 / 39           |     |            | <del></del>                                      | <del>  -</del>                                   | <del> </del>                                      | <del>                                     </del> |             |         |         | +              |              | <del> </del>    |           |         |  |          |         | •                                     |          | <u> </u>     | 69<br>29 |
| 35/ 37           |     |            |  |  |   |  |             |         |         | 1              |              | 1 !             |           |         |  |          |         |                                       |          |              |          |
| 36/ 35           |     |            |  | <del>                                     </del> | †   |  |             |         |         | 1              |              |                 |           |         |  |          |         | +                                     |          |              | 1        |
| TOTAL            | 5.4 | 32.3       | 43.1   | 17.1   | 2.2   | 1  |             |         |         |                |              |                 |           |         | 1  | 1        | _       | 1                                     | 930      |              | 930      |
|                  |     |            |  |  |   |  |             |         |         |                |              |                 | i         |         |  |          |         | 930                                   |          | 930          |          |
|                  |     |            | ļ  | <u> </u>   | ļ   |  |             |         | L       | <del></del>    | <u> </u>     |                 |           |         | ļ  |          |         | · · · · · · · · · · · · · · · · · · · |          | L            |          |
| 1                |     |            |  | 1  | 1   |  | }           |         |         | }              | 1            |                 |           |         |  |          |         | 1                                     |          | 1            |          |
| <b></b>          |     | ļ <u></u>  | <del> </del>                                     | <b>-</b>   |   |  |             |         |         | <del></del>    | <u> </u>     | -               |           |         |  |          |         |                                       |          | <del>-</del> |          |
| <b>!</b> [       |     |            | 1  |  |   | 1 1  |             |         |         | 1              |              |                 |           |         | i  |          |         |                                       |          | 1            |          |
| <del> </del>     |     |            | <del>                                     </del> | <del> </del>                                     | <del> </del> -                                    | -  |             |         |         | +              | <del> </del> | ++              |           |         | -  |          |         | <del> </del>                          |          | <del></del>  |          |
| l i              |     |            |  |  |   |  |             |         |         |                |              | 1 !             |           |         | . !  |          |         | 1                                     |          | Ì            |          |
| <b>i</b>         |     |            | <del>                                     </del> |  | <del>                                      </del> | 1  |             |         |         | +              |              | 1               |           |         |  |          |         | <del></del>                           |          |              |          |
| }                |     |            | }  | }  |   | ]  |             |         |         |                |              | 1 1             |           |         |  | j        |         |                                       |          |              |          |
|                  |     |            |  |  |   |  |             |         |         |                |              |                 |           |         |  |          |         |                                       |          |              |          |
|                  |     |            |  |  |   |  |             |         |         |                |              |                 |           |         |  |          |         |                                       |          | ,            |          |
|                  |     |            |  |  |   |  |             |         |         |                |              | I = T           |           |         |  | Ţ        |         | <u> </u>                              |          | <u>_</u>     |          |
| <b></b> _        |     | ļ          | ļ  | <u> </u>   |   |  |             |         |         | ↓              | <u> </u>     | $\vdash$        |           |         | <del></del>                                      |          |         | <b> </b>                              |          | ļi           |          |
| [                |     |            |  | Ì  |   | 1 1  |             |         | 1       |                | 1            |                 |           |         |  | 1        |         |                                       |          | +            |          |
| <b> </b>         |     | ļ <u>.</u> | <del> </del>                                     |  |   | <del>                                     </del> |             |         |         | <del></del>    | ├            | +               |           |         | <del>                                     </del> |          |         | +                                     |          |              |          |
| 1                |     |            |  |  |   |  |             |         |         | 1              |              |                 | 1         |         |  | 1        |         |                                       |          |              |          |
| Element (X)      |     | Zx2        |  |  | Z x   |  | X           | - F     | Ή-      | No. Ol         | s.           |                 |           |         | Mean No  | o. of Ho | urs wit | h Temperatur                          | •        | <u></u>      |          |
| Rei. Hum.        |     | 624        | 1747   |  | 756   | 51   | 81.3        | 9.7     | 27      | 9              | 30           | ± 0 F           | 5 ;       | 32 F    | ≥ 67 1   |          | 73 F    | • 80 F                                | e 93 l   | T            | otel     |
| Dry Bulb         |     |            | 9105   |  | 520   | 55   | 56.0        |         |         |                | 30           |                 |           |         |  |          |         |                                       |          |              | 93       |
| Wet Bulb         |     |            | 3898   |  | 492   | 24   | 52.9        | 4.4     | 65      |                | 30           |                 |           |         |  |          |         |                                       |          |              | 93       |
| Dew Point        |     | 237        | 5258   |  | 467   | 16   | 50.2        | 5.5     | 49      | 9              | 30           | L               |           |         | ļ <u>.</u>                                       |          |         | <u> </u>                              |          | i            | 93       |

T.

CL MAL CLIMATOLOGY BRANCH US AFETAC AIR MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17271 LAJES AB AZ 71-80 \_0300-05<u>u</u>0 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B. W.B. Dry Builb West Builb Dew Point (F) • 1 +4/ 53 1.2 1.5 26 z<sup>\*</sup> 26 .2 3.9 2.9 \_ 8 72 1.21 61 72 23 63/ 59 1.4 7.2 10.5 1.0 187 137 67 53 1.0 7.0 4.7 1.9 5-1 57 139 139 125 66 .9 6.0 5.9 5.7 .8 2.8 7.3 3.7 55 . 4 56/ 176 176 148 113 54/ 53 . 8 142 142 117 121 5.27 51 76 76 102 .3 1.6 5.1 1.1 106 • 1 \_**7**3 153 50/ 49 .3 1.6 3.0 1.1 58 58 . 2 .1 1.5 .8 22 44/ 47 22 115 60 45/ 45 .2 2.4 28 55 112 44/ 43 20 8.8 42/ 41 78 6 4 3/ 39 26 7 8/ 37 30/ 35 34/ 33 1 TATAL 5.235.642.215.3 1.8 930 930 930 Element (X) No. Obs. Rel. Hum. ± 32 F | ≥67 F | ≥73 F | ≥80 F 6266184 75810 81.5 9.646 930 ≤ 0 F . • 93 F Dry Bulb 2586495 51671 55.6 4.103 930 Wer Bulb 48897 52.6 4.510 2589771 930

930

FORM 0-26-3 (OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Dew Point

46395

2343963

USAFETAC FORM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSIDIETE JUN 71 0.26-3 OL A.

3

| ſιL | SAL    | CLIMA | TOLOGY  | FRANCH |
|-----|--------|-------|---------|--------|
| US  | AF E T | A C   |         |        |
| A I | · • E  | ATHER | SERVICE | /MAC   |

## **PSYCHROMETRIC SUMMAR**

| STATION       |           |            | STATION NAM | E             |              |                    |  | YE            | 4FS        |              |             |                | W. N                 | , * ··                |
|---------------|-----------|------------|-------------|---------------|--------------|--------------------|--|---------------|------------|--------------|-------------|----------------|----------------------|-----------------------|
|               |           |            |             |               |              |                    |  |               |            |              | PAGE        | 1              | ភូមិនិព្             | - <u>-</u> - <u>-</u> |
| <del> ,</del> |           |            |             | WET OUT D T   | EUDEDATUS    | E DEPRESSION       |  |               |            |              | TOTAL       |                | TOTAL                | _                     |
| Temp.         | 0 1.2 3   | 4 5        | 4 7 9 0     |               |              | 6 17 - 18 19 - 20  |  | 24 25 26      | 27 28 20   | 20 4 21      |             | )<br>See Builb |                      | D-                    |
|               | 0 1.2 3   |            | 7.6.7       | - 10 :11 - 12 | 13 - 14 13 - | 10 17 - 18 17 - 20 | 21 - 22 23                                       | - 24, 25 - 20 | 27 - 20 27 | . 30         | • •         | , , ,          |                      | -                     |
| 65/ 65/ 63/   | .1 1.1 1  | • 1:<br>7! | 31          |               |              | :                  |  |               |            |              | 1<br>25     | 7.5            | ,                    |                       |
| (2/ 61)       | .3 3.7 4  |            |             |               | ·            | <del></del>        |  |               |            |              | 81          | 25<br>31       | <u>2</u> .           |                       |
| 1 1 59        | 9 7.813   |            | 9 •1        | 1 1           |              |                    |  |               |            |              | 185         | 185            | 68                   |                       |
| 5 J 57        | .9 5.4 4  |            |             |               |              |                    | •  | • · · ·       | *** - *    | • -          | 123         | 123            | 135                  |                       |
| 56/ 55        | 1.7 5.9 5 |            |             |               |              |                    |  |               |            |              | 184         | 184            | 134                  |                       |
| 4/ 53         | .6 3.4 6  |            |             | <del></del>   |              |                    |  |               |            |              | 148         | 148            | 123                  |                       |
| 52/ 51        | 3 2 4 5   |            |             |               | 1            |                    |  |               |            |              | 57          | 37             | 95                   |                       |
| 1 49          | .2 1.0 2  | . 0        | 1 .2        | <del></del> - |              |                    | <del></del>                                      |               |            |              | 41          | -              | 162                  |                       |
| 4 3/ 47       |           |            | 5 .1        | i.            | İ            |                    |  |               |            |              | 31          | 31             |                      |                       |
| 1./ 45        | •1 •8     | .2         | -           | <del></del>   |              |                    | <del>                                     </del> |               |            |              | 16          | 10             | - <u>±</u> ∵7.<br>49 |                       |
| 4/ 43         | 1.4       | • •        |             |               |              | !                  |  |               |            |              | 1.3.        | 13             |                      |                       |
| +2/ 41        | .1        | $\dashv$   | +           |               |              | <del></del>        | +  |               |            |              |             |                | 12                   |                       |
| / 39          |           |            | 1           | ! !           | 1            |                    |  |               |            |              | •           | •              | 1.                   |                       |
| 37            |           |            |             |               |              | <del></del>        | <del></del> -                                    |               |            |              | • • •       | •              | •.                   |                       |
| 3 9/ 35       |           | i          |             | i l           |              |                    | : 1  |               |            |              |             |                |                      |                       |
| 34/ 33        |           |            |             |               |              | +                  | •  |               |            |              | •           | •              |                      |                       |
| 22/ 31        |           |            |             |               |              |                    | ( )  |               |            |              |             |                |                      |                       |
| CTAL          | 5.434.841 | -416-      | 0 2.4       |               |              |                    | <del></del>                                      | <del></del>   |            |              |             | 930            |                      | _                     |
| -             |           |            |             | ! !           |              |                    | 1  |               |            | :            | . 930.      |                | 930.                 |                       |
|               |           |            |             |               |              |                    | 1  |               |            |              |             |                |                      |                       |
| i             |           |            |             |               |              |                    | l . L  |               |            |              |             |                |                      |                       |
|               |           |            |             |               |              |                    |  |               |            |              |             | · ·            |                      |                       |
|               |           |            |             |               |              |                    | <u> </u>   |               |            |              |             |                |                      |                       |
|               |           |            |             | {             | İ            | 1 - 1              |  |               |            |              |             |                |                      |                       |
|               |           |            |             |               |              |                    |  |               |            |              | •           |                |                      | _                     |
| ì             |           |            |             | ) )           | }            | ]                  |  | !             |            |              |             |                |                      |                       |
|               |           |            |             |               |              |                    |  |               |            |              | ·           |                |                      |                       |
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| 1             | }         | }          |             |               |              | }                  |  |               | . !        |              |             |                |                      |                       |
|               |           | _          |             |               |              |                    |  |               |            |              | ·           |                |                      | _                     |
| 1             |           |            |             |               |              |                    | !  |               |            |              |             |                |                      |                       |
|               |           |            |             | <del></del> _ |              | <del></del>        | 44_  |               | <u> </u>   |              |             | <del></del>    |                      | _                     |
| lement (X)    | 2 X,      |            | Z X         | X             | *A           | No. Obs.           |  |               |            |              | h Temperatu |                |                      |                       |
| Ref. Hum.     | 62541     |            | 7570        |               | 9.963        | 930                | 5 0 F  | : 32 F        | ≥ 67 F     | e 73 F       | - 80 F      | ₹ 93 F         | _ <del></del>        | ٥                     |
| Dry Bulb      | 28913     |            | 5171        |               | 4.152        | 930                |  | <del> </del>  |            | <del> </del> | <del></del> | <del> </del>   |                      | _                     |
| Wet Bulb      | 25927     |            | 4892        |               | 4.579        | 930                |  | <del> </del>  |            |              | +           | +              |                      | _                     |
| Dew Point     | 23443     | 401        | 4638        | 51_49a9       | 5.751        | 930                |  | 1 1           |            |              | 1           | 1              |                      |                       |

FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

CL BAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| Wet Bulb<br>Dew Point |     |       | 8046<br>63J7                                     | <del></del>                                      | 506<br>473                                       |  |              | 4.22<br>5.78                                     |        | 92<br>92   | _       |       |              |          |           |          |                  |                  |          |                      |      |
|-----------------------|-----|-------|--|--|--|--|--------------|--|--------|--|---------|-------|--------------|----------|-----------|----------|------------------|------------------|----------|----------------------|------|
| Dry Bulb              |     |       | 2229   |  | 544  |  | 58.6         | 3.54   | 4      | 929  |         |       |              |          |           | 4        |                  |                  |          |                      |      |
| Rel. Hum.             |     |       | 2943   |  | 708  | 93   |              | 11.03  | 6      | 92   | 9       | : 0 F | 1            | 32 F     | ≥ 67 F    |          | F 8              |                  | ₹ 93 F   | T                    | otal |
| Element (X)           |     | Z X'  |  | <del>                                     </del> | Z X  | <del>'                                    </del> | <del> </del> | -  | $\neg$ | No. Obs.   |         |       |              |          | Meon No   | of Hours | with Tem         | peratui          | •        |                      | _    |
| 1                     | ļ   |       |  |  |  | Ì  |              |  |        |  |         |       | i            |          |           | *        |                  |                  |          |                      |      |
|                       |     |       | <u> </u>   | ļ  |  | <u> </u>   |              |  |        | <del>                                     </del> |         |       |              |          |           |          | <u> </u>         | :                | <b>-</b> |                      |      |
|                       |     |       |  |  | 1  |  | $\top$       |  |        | <del>                                     </del> |         |       |              |          |           |          |                  |                  |          |                      |      |
| Ì                     | }   |       |  |  |  |  |              |  |        |  | ,       | ļ     | 1            | 1        | j         |          | :                |                  |          |                      |      |
|                       |     |       |  | -  | <del> </del>                                     |  | +            |  |        | +  |         |       |              |          |           |          |                  | <u> </u>         |          |                      | -    |
| į                     |     |       |  | 1  |  | 1  |              |  |        |  | ļ       |       | į            |          |           |          |                  |                  |          |                      |      |
|                       |     |       |  | L  | <u> </u>   | L  |              |  |        |  |         |       |              |          |           |          |                  |                  |          |                      |      |
|                       |     |       |  |  | i  |  |              |  |        | T  |         |       | 1            |          |           |          |                  | •-               | •        |                      |      |
|                       |     |       |  |  |  | ļ  |              |  |        |  | Ì       |       | !            | ,        | 1         |          |                  |                  | 1        |                      |      |
|                       |     |       |  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | +            | <del>                                     </del> |        | +  |         | +     | <del>i</del> |          | ·         |          | +                |                  |          | +                    |      |
| į                     | İ   |       | 1  |  |  | 1  |              |  |        |  | •       | 1     | 1            |          |           |          | '                | - :              |          |                      |      |
|                       |     |       | <del> </del>                                     |  | -  |  | <del> </del> | <del>   </del>                                   |        | +  |         |       |              |          |           |          | 9                | <u>29</u> ;      |          | 929                  |      |
| TAL                   | 2.8 | 19.5  | 36.8   | 28.3   | 11.9   | . 6  | <b>)</b>     |  |        |  |         |       | :            | ,        |           |          | _                |                  | 929      | أمست                 | 9    |
| 34/ 33                |     |       |  | -  | <u> </u>   | <u> </u>   | <u> </u>     | -  |        | <del>                                     </del> |         |       |              | ·<br>    |           |          |                  |                  |          |                      |      |
| 'o/ 35                |     |       |  |  |  |  |              |  |        |  |         | :     |              |          |           |          |                  |                  | •        |                      | _    |
| 34/ 37                |     |       | !<br>!   | <u> </u>   |  | <u> </u>   |              |  |        |  |         |       |              |          |           |          |                  |                  |          |                      |      |
| 4 7 39                |     |       |  | 1  |  |  |              |  |        |  |         | 1     |              |          |           |          | <del></del>      |                  | •        |                      | ~    |
| 42/ 41                | ĺ   |       |  |  |  | Ì  |              | 1  |        |  | j       |       | !            | !        |           |          |                  |                  |          | 2                    |      |
| 114/43                |     |       | <del>                                     </del> | 1  | <del>                                     </del> |  | <del> </del> |  |        |  |         |       | <del></del>  |          | -         |          |                  |                  |          | 5                    |      |
| 40/ 45                |     |       |  |  |  |  | İ            |  |        | 1  | {       | 1     |              | :        |           | ,        |                  |                  |          | 12                   | 1    |
| 43/ 47                |     |       |  | • 1  | . 2  |  | <del> </del> | <del>                                     </del> |        | <del>;                                    </del> |         |       |              | +        |           |          |                  | - <del>8</del> - | 8        | <u>131</u> .         |      |
| 52/ 51<br>52/ 49      | 1   | • 2   | 1.8  |  |  | 1  |              | I  |        |  | }       | }     |              |          |           |          |                  | 27               | 27       | 126                  |      |
| 5 4/ 53               | • 3 | - 3   |  |  |  |  | 4            | 1  |        | +  |         |       |              |          |           |          |                  | 61               | 61       | $-\frac{120}{120}$   | 1    |
| 5 5/ 55               | • 5 | 2.5   |  | 1  | 1  |  |              |  |        |  |         |       |              | 1        |           |          |                  | 27               | 127      | 138                  | 1    |
| 5 / 57                | • 6 | 3.2   |  | +  | +  | • 1  | <u> </u>     |  |        |  |         |       |              |          | · · · · · |          |                  | 82               | 182      | 172                  | 1    |
| F 1 59                | 1.0 |       | 10.2   |  | ,  | . 4  | 1            | i  |        | 1  |         |       |              |          |           |          | _                | 44               | 244      | 117                  | _    |
| 12/ 61                |     |       |  |  | 1.2  |  | !            | i<br>  |        | !  |         |       |              | ·        |           |          | 1                | 60               | 160      | 45                   |      |
| £ 4/ 63               | • 3 |       |  | +  |  | <del></del>                                      | 1            | · · · · ·  |        | <del></del>                                      |         |       |              |          |           |          |                  | 98               | 98       | 15                   |      |
| 56/ 65                |     | • 2   |  |  |  | 1  |              |  |        | :  | i       |       | 1            | <b>!</b> |           |          |                  | 17               | 17       |                      |      |
| 6.1 67                |     |       | .1   | <del></del>                                      | +  | <del>:</del>                                     | 1            |  | J - 10 | 19 13  | 7 20    | -1-21 |              | -3 - 40. | */        |          |                  | ۔<br>نو          | 4        |                      | -    |
| Temp.<br>(F)          | 0   | 1 - 2 | 1.4  | 5 - 6  | 7.8  |  |              |  |        | DEPRESS  |         |       | 23 . 24      | 25 . 24  | 27 . 28 2 | 9 30 >   | TOT<br>31 D.B. V |                  | rv Bulh  | TOTAL                | )e w |
| <del></del> -         |     |       |  |  |  | WE 1   |              |  |        | 0600566  |         |       |              |          |           |          |                  |                  |          |                      |      |
|                       |     |       |  |  |  |  |              |  |        |  |         |       |              |          |           |          | P                | AGE              | 1        | _0,90,0 <del>-</del> | 11   |
| STATION               |     |       |  | s  | TATION N   | AME  |              |  |        |  |         |       |              | YE       | ARS       |          |                  |                  |          | MON'                 | • н  |
| CTATION               |     |       |  |  | 7.17.0V  |  |              |  |        | 71-8   | <u></u> |       |              |          |           |          |                  |                  |          |                      | •    |

CLEGAL CLIMATOLOGY GRANCH US AFETAC All Weather Service/MAC

### **PSYCHROMETRIC SUMMARY**

|                | LAJES            | <u>A:3 A</u> | <u></u>  | TATION NAN  |                                |  | 71-            | 80   |              |              |   |         |                   |              | MA           |       |
|----------------|------------------|--------------|--|-------------|--------------------------------|--|----------------|--|--------------|--------------|---|---------|-------------------|--------------|--------------|-------|
| STATION        |                  |              | 51   | TATION NAN  | AE                             |  |                |  |              | •            | EARS                                    |         | PAGE              | 1            | 1250-        |       |
|                |                  |              |  |             |                                |  |                |  |              |              |   |         | 7-0:              | <u> </u>     | HO. 45       | . 5.  |
| Temp           |                  | <del></del>  |  |             | WET BULB 7<br>9 - 10   11 - 12 | TEMPERAT   | TURE DEPRE     | SSION (F)  |              |              |   |         | TOTAL             |              | TOTAL        |       |
|                | 0 1 - 2          | 3 · 4        |  |             |                                | 13 - 14 15                                       | 1 - 16 17 - 18 | 19 - 20 2  | 1 - 22 23    | - 24 25 - 26 | 27 - 28 29                              | 30 • 31 | D.B. W.B. D       | ry Bulb      | Wer Bulb D   | )e w  |
| `./ 69         |                  | -            |  | 2           | • 1,                           | •  |                |  |              | 1            |   |         | 4                 | 4            |              |       |
| :/ 67          |                  |              | . 1  |             |                                |  |                | <del></del>                                      |              |              |   |         | 15                | 15           |              |       |
| 6/ 65          |                  | 0.2.5        |  |             | . 2                            |  |                |  |              |              |   |         | 66                | 66           | 4            |       |
| 4/ 63<br>7/ 51 | . 3  3.          | 1 3.9        | 3 • 1  | . 1 • 5     |                                |  |                | <u> </u>   |              |              |   | •       | 156               | 156          | •            |       |
|                | .2 3.            |              |  |             | . 1                            | 1  |                |  | į            |              |   |         | 203               | 203          | 95           |       |
| 1/ 59          |                  |              |  | 7.7         |                                |  |                | <del></del>                                      | <del>-</del> |              |   |         | 259               | 259.         |              |       |
|                | .8 1.            |              |  |             | • 1                            | ;  |                | İ  | ĺ            |              |   |         | 129               | 129          | 167          |       |
| 5/ 55          | .6 .             |              |  |             | <del></del>                    |  | <del>-</del>   |  | <del></del>  |              |   |         | 67                |              | 141.         |       |
| 1              |                  | 2 .8         |  |             | j                              |  |                |  |              |              |   |         | 21                | 21           | 129          |       |
| 2/ 51          | -+-              | 1: • 5       | • 1  | <del></del> | <del></del>                    |  |                | <del>  -</del>                                   |              |              | <del></del>                             |         |                   | <u></u>      | 118          |       |
|                | ŀ                | i            | ١.,١   | 1 1         |                                |  | 1              |  | 1            |              |   |         |                   |              | 94           |       |
| 5/ 45          |                  | • 2          | • 4  |             | <del>!</del>                   | -  | <del></del>    | $\longrightarrow$                                | <del></del>  |              | <del></del> -                           |         | <u>-</u>          | <u>1</u> .   | 18.          |       |
| 4/ 43          |                  | • 4          |  |             |                                |  | '              | 1  | !            |              |   |         | 2                 | 2            | ė.           |       |
| 2/ 41          |                  | <del></del>  | <u> </u>   |             |                                | <del></del>                                      | <del></del>    |  |              |              |   |         | · · · · · · · · · | · - · · •    | <u>.</u>     | · - ~ |
| 3/ 39          | 1                | · [          | ( i  |             | i l                            |  | - 1            |  | - 1          |              |   |         |                   |              | 2            |       |
| / 37           |                  |              |  | ·           |                                | <del></del>                                      |                | -  |              |              | •                                       |         | ·                 | ·            | - •          |       |
| 1 35           |                  |              |  |             | } !                            | ļ j  |                | 1  | i            |              |   |         |                   |              |              |       |
| TAL            | 2.213.           | 777 0        | 77 5   | 22 2        | 2 4                            | <del>                                     </del> |                | -  | <del></del>  |              | • |         |                   | 930          |              | _     |
| 146            | 202130           | 12100        | 3363   | 2002        | 2.0                            |  |                | 1  |              |              |   | 1       | 070               |              | 930          |       |
|                |                  | +            | -  | <del></del> |                                | <del>                                     </del> |                | <del> </del>                                     | - :          |              | ·                                       |         | 730               |              | <b>9</b> 3 0 |       |
|                | ]                |              |  | 1 1         |                                |  | !!!            |  | i            |              |   |         |                   |              |              |       |
|                |                  |              |  | tt-         |                                |  |                | <del>                                     </del> |              |              | • |         |                   |              |              |       |
|                | 1                |              |  |             | į į                            | ĺ  | 1              |  |              | į            | !                                       |         |                   |              |              |       |
|                |                  |              |  |             |                                |  |                |  |              |              |   |         |                   |              |              |       |
| 1              | }                |              |  |             | ] !                            |  | }              | 1  | 1            | Į            | 1                                       |         |                   |              |              |       |
|                |                  |              |  |             |                                |  |                |  |              |              | -                                       |         |                   |              |              |       |
|                | ŀ                |              |  |             |                                | 1  |                | 1  |              |              |   |         |                   |              |              |       |
|                |                  |              |  |             |                                |  |                | -  |              | <del></del>  | <del></del>                             | !       |                   |              |              |       |
|                | <b>\</b>         |              |  | 1           |                                | 1  |                |  |              | j            |   |         |                   | ï            |              |       |
|                |                  |              |  |             |                                |  |                |  |              | i            |   |         |                   |              |              |       |
|                |                  |              |  |             |                                |  | i '            |  |              | [            |   | į       | : !               |              |              |       |
|                |                  |              | 1  |             |                                |  |                | 1  |              |              | į i                                     |         | !                 |              |              |       |
|                | ¥2               |              | <b> </b>   | •           |                                |  | T 01           |  |              |              | <del> </del>                            |         |                   |              |              | _     |
| lement (X)     | Σ <sup>χ</sup> , |              | <del>                                     </del> | ZX          | X                              | •,   | No. Ob         |  | 10F          | : 32 F       |   |         | th Temperatur     | ·            |              | 010   |
| ry Bulb        |                  | 10147        | <del> </del>                                     | 6815        |                                | 11-16  |                | 3C   | = U P        | = 32 F       | ≥ 67 F                                  | ≥ 73 F  | → 80 F            | ≥ 93 F       | T            | 970   |
| et Bulb        |                  | 04396        |  | 5617        |                                | 3.498  |                | 30   |              |              | 1.9                                     |         | <del></del>       | <del> </del> |              |       |
|                | 2 N              | 93402        | i _  | 5173        | Z 33.6                         | 4-120  | . 11           | 30   |              | l            | 1                                       |         | 1                 | 1            | 1            |       |

13201

STATION

SE MAE CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

YEARS

LAUFS AB AZ PAGE 1 1500-1700 H2.45 ..5.\* WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 37 + 31 D.B. W.B. Dry Buib Wer Buib Dew Point (F) 7\_/ 71 1 1 7 ./ 69 . 2, • 3 F-1 67 8 8 .5 1.4 2.5 16/ 65 • 3 44 44 44/ 63 4 . 4 5 . 9 7 . 6 176 • 6 176 18 10 23 1 2/ 61 2.7 6.2 5.5 2.9 162 162 86 . 9 7.0 1 1 59 4.8 8.5 7.7 271 129 • 1 . 1 271 80 53/ 57 1.3 1.9 5.6 3.7 118 126 126 173 56/ 55 .9 1.2 2.4 5.1 1.9 97 97 150 131 . 8 14/ 53 .3 1.2 29 23 112 119 • 5 . 2 · 2/ 51 9 9 125 71 c / 49 98 60 4 3/ 47 • 2 2 22 15 128 46/ 45 1 14 44/ 43 . 1 45 1 42/ 41 46 15 41/ 39 ? 4/ 37 2 4,1 TOTAL 2.615.628.835.316.8 . 9 930 930 ZX No. Obs. Mean No. of Hours with Temperature **₹**\* - 67 F Rel. Hum. 5266646 69230 74.411.034 930 10F 4 32 F ≥ 73 F Dry Bulb 3350722 59.9 3.569 55724 930 55.4 4.156 Wet Bulb 2669924 51518 930 9.7 Dew Point 2503433 47969 51.6 5.646 93C 93

71-80

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 4 ಠ 0.26.3 FORM JUN 23

| ٥١ | L | æ, | A  | L |   | C | L | I | M ! | ۱ ۱ | ſΟL | 0  | ت | Y  | 3 | R | A | ٧( | Э |  |
|----|---|----|----|---|---|---|---|---|-----|-----|-----|----|---|----|---|---|---|----|---|--|
| L  |   | λF | E  | T | A | C |   |   |     |     |     |    |   |    |   |   |   |    |   |  |
| A  | : |    | ۴. | E | ۵ | Ť | н | ſ | H.  | 5   | EF  | ٧۶ | 1 | CE | 1 | ~ | A | C  |   |  |

| STATION            | LAJES AB A                           | 2              |          |                | 71-80           |               |                |   |                    |            |             | R         |
|--------------------|--------------------------------------|----------------|----------|----------------|-----------------|---------------|----------------|---|--------------------|------------|-------------|-----------|
| STATION            |                                      | STATION NAME   |          |                |                 |               | ·              | EARS                                    | 0.455              |            |             |           |
|                    |                                      |                |          |                |                 |               |                |   | PAGE               | 1          | 1800-       | 5.        |
| Temp.              |                                      | WE             | T BULB 1 | EMPERATI       | JRE DEPRESSIO   | N (F)         |                |   | TOTAL              |            | TOTAL       |           |
| (F)                | 0 1 - 2 3 - 4                        | 5-6 7-8 9-1    | 11 - 12  | 13 - 14 15 -   | 16 17 - 18 19 - | 20 21 - 22 23 | 3 - 24 25 - 26 | 27 - 28 29 - 30                         | . 31 D.B. W.B. D   | y Bulb     | Wer Bulb !  | Dew P     |
| h =/ 67            | į                                    | • 1            |          | í              |                 |               |                | •                                       | 1                  | 1          |             |           |
| 6/ 65              |                                      | • 2 • 1        |          |                |                 |               |                |   | 7                  | 7.         |             |           |
| 4/ 63              | •1 <sub> </sub> 2•5 <sub> </sub> 2•9 | ' I            | 1        |                |                 |               |                |   | 7 <b>7</b>         | 77         | 9           |           |
| 13/ 61             | .2 4.4 7.2                           |                |          |                |                 |               |                |   | 130                | 130        |             |           |
| ./ 59              | 0.E100.S 8.                          |                |          | i              |                 | . !           |                |   | 260                | 560        | 9≎          |           |
| 5 / 57             | 1.3 3.4 5.5                          |                |          |                |                 |               | <b></b>        |   | . 169.             |            | 170         | _         |
| 5 1/ 55            | 1.1 2.6 3.3                          | : 1            | 1        | 1              |                 | 1             |                |   | 136                | 135        | 174         | 1         |
| 64/ 53             | 1 1.3 4.0                            |                | +        |                | <del></del>     |               |                |   | £5.                | 85.        |             |           |
| 52/ 51             | .2 3.1                               |                |          | 1              |                 |               |                |   | 44                 | 44         | 114         | 1         |
| 5 / 49             | •1 •5                                |                |          |                | -               |               |                | • |                    | <u>8</u> . | 125.        | . :       |
| 4 / 47  <br>46/ 45 | •4 •5                                | • 1            |          | i              | ļ .             |               |                |   | 10                 | 10         | 63          |           |
| 44/ 43             | •1 •1                                |                | +        |                | <del></del>     |               |                | <del> </del>                            |                    | 2.         | 25.         | 1         |
| 42/ 41             |                                      |                |          | ļ              | 1               |               |                |   |                    |            | 4           |           |
| 42/ 41:<br>43/ 39: | <del></del>                          |                | +        | <del></del> -  | <del></del>     |               |                |   |                    | •          | <b>_</b>    |           |
| 3 1/ 37            |                                      |                | 1        | ł              | i !             |               |                |   |                    |            |             |           |
| TAL                | 3.623.539.9                          | 29.2 3.9       | +        | <del></del> +- | 1               |               |                |   |                    | 929        | • •         | 9         |
|                    |                                      |                |          |                | į ;             | 1 :           | 1              |   | 929                |            | 929.        |           |
|                    |                                      |                |          |                | <u> </u>        |               |                |   |                    | · •        | Z.S.Z.      |           |
|                    |                                      |                |          | ĺ              |                 |               |                |   |                    |            |             |           |
|                    |                                      |                |          |                |                 |               |                | •                                       |                    | · · ·      | •           |           |
|                    |                                      |                |          |                | _11             |               |                |   | _                  |            |             |           |
|                    |                                      |                |          |                |                 |               | 1              | · · · · · · ·                           |                    | - •        | •           |           |
|                    |                                      |                |          |                |                 |               |                |   |                    |            | _           |           |
|                    |                                      |                |          | ĺ              |                 |               |                |   | - · · · · · · ·    |            | •           |           |
|                    |                                      |                |          |                |                 |               |                | <b></b>                                 |                    | - •        |             |           |
| 1                  |                                      |                |          | ĺ              | 1 1             |               |                | i l                                     |                    |            |             |           |
|                    |                                      |                |          |                | !               |               |                | <b></b>                                 |                    | •          |             |           |
| }                  |                                      | 1 1            |          | 1              | j               |               |                | 1                                       | Tr.                |            |             |           |
|                    |                                      |                | +        |                |                 | <del> </del>  |                | <b></b>                                 |                    |            |             |           |
| Į                  |                                      |                |          |                |                 |               |                | 1                                       | 1                  |            |             |           |
|                    |                                      | ·              | -        |                |                 |               |                | <u> </u>                                |                    |            |             |           |
| 1                  |                                      |                |          |                |                 |               |                | 1                                       | i<br>:             |            |             |           |
| Element (X)        | Σπ,                                  | z <sub>x</sub> | X -      | - <u>-</u>     | No. Obs.        | <del></del>   |                | Mean No. of House                       | rs with Temperatur |            | <del></del> |           |
| Rel. Hum.          | 5801847                              | 72845          |          | 9.843          | 929             | 10F           | ± 32 F         | ≥ 67 F ≥ 7                              | <del></del>        | • 93 F     | T.          | o+el      |
| Dry Bulb           | 3123783                              | 53763          |          | 3.658          | 929             |               | + · · · · ·    | <del></del>                             |                    | • 73 (     |             |           |
| Wet Bulb           | 2748689                              | 50379          |          | 4.239          |                 |               | +              |   |                    |            |             |           |
| Dew Point          | 2451328                              | 47446          |          | 5.5.19         |                 |               | +              | <del></del> +                           | <del></del>        |            | <del></del> | <u>۽ </u> |

USAFETAC FORM O 26 3 OL A PREVIOUS FORMON OF THE FORM ARE OBSOLETE

### **PSYCHROMETRIC SUMMARY**

1"201 LAJES AB AZ 71-80 YEARS PAGE 1 2100-2300 HOURS US TO THE HOURS US THE HOURS US TO THE HOURS US THE HOURS

|              |                    |                   |  |  |  |              |  |               |              |           | HOURS        | 5. T.    |
|--------------|--------------------|-------------------|--|--|--|--------------|--|---------------|--------------|-----------|--------------|----------|
| Temp.        |                    | WE                | T BULB TEMPERATU   | RE DEPRESSION                                    | (F)  |              |  |               | TOTAL        |           | TOTAL        |          |
| (F)          | 0 1 2 3 4          | 5 - 6 7 - 8 9 - 1 | 0 11 - 12 13 - 14 15 -   | 16 17 - 18 19 - 20                               | 21 - 22 23                                       | - 24 25 - 26 | 27 - 28 29                                       | . 30 . 31     | D.B. W.B. D  | ry B 16 W | er Bulb De   | ew Po    |
| 1 6/ 65      | . 6 .4             | • 1;              |  |  |  |              |  |               | 11           | 11        | . •          |          |
| . 4/ 63      | 2.2 2.4            | 1.0               |  |  |  | i            |  |               | 51           | 51        | 9            |          |
| 42/ 61       | .8 5.0 5.4         | 1.3 .2            |  |  | 1  |              | ·  |               | 117          | 117       | 40           | - 2      |
| Eu/ 59       | .5 4.612.0         | 1.6               |  |  | 1  | :            |  |               | 174          | 174       | 8.0          | 4        |
| · / 57       | 1.8 7.1 6.7        |                   |  |  |  |              | •  |               | 193          | 193       | 151          | 84       |
| 55/ 55       | 1.0 4.2 4.5        | i I               |  | 1  | 1  |              |  |               | 150          | 150       | 173          | 121      |
| F 4/ 53      | .5 1.5 4.3         |                   |  |  | -  |              | !  |               | 94           | 94        | 122          | 158      |
| 12/ 51       | .4 1.0 5.3         |                   |  |  | 1  |              |  |               | 78           | 78        | 103          | 9.6      |
| c / 49       | 1.0 2.0            |                   | <del></del>  | <del></del>                                      | <del>                                     </del> |              | <del></del>                                      |               | 31           | 31        | 114          | 6        |
| 4-/ 47       | .5 1.7             | 1 1               |  |  |  |              |  |               | 23           | 23        | 91           | 8.       |
| 46/ 45       | .2 .4              |                   | <del></del>  |  | <del>                                     </del> |              | !  |               | 6            |           | 42           | 90       |
| 44/ 43       |                    | 1                 |  |  |  | i            | i i  |               | •            | -         | 15           | 6        |
| 42/ 41       |                    |                   |  |  | +  |              | <del></del> -                                    |               |              |           | - ī.         | 5        |
| 4 / 39       |                    |                   |  |  |  | 1            |  |               |              |           | •            | 19       |
| 30/ 37       |                    |                   | <del>- †   -   -</del> | - <del>†  </del>                                 |  |              | •  |               |              | • -       | • •          |          |
| 16/ 35       |                    | i                 |  |  | 1  |              |  |               |              |           |              | 1        |
| TAL          | 5 . 1 27 . 945 . 2 | 19.7 2.2          | <del></del>  |  | <del></del>                                      |              |  |               | <b>→.</b>    | 928       | ·· •-        | 928      |
|              |                    |                   |  |  | 1  |              |  |               | 928          |           | 928          |          |
|              |                    |                   |  |  | +  |              | •  |               |              |           |              |          |
|              |                    |                   |  | 1  | 1  |              |  |               |              |           |              |          |
|              |                    |                   | <del></del>  |  | <del></del>                                      |              | <del></del>                                      | •             | • • •        |           | -            |          |
| }            |                    | į į               |  |  | 1  |              |  |               |              |           |              |          |
|              |                    |                   |  | <del>-                                    </del> | ++   |              | ••   |               | •            |           |              |          |
| 1            |                    |                   |  | 1 1  |  |              |  |               |              |           |              |          |
| <del>-</del> | <del></del>        |                   | -+   | -  | <del></del>                                      | <del></del>  | <del></del>                                      |               |              |           | - ·- · ·     |          |
| ĺ            |                    |                   |  |  |  |              | į  |               |              |           |              |          |
|              |                    |                   | <del></del>  |  | - <del> </del>                                   |              | <del></del>                                      |               | • • •        |           |              |          |
|              |                    |                   |  |  |  |              | 1  |               |              |           |              |          |
|              |                    |                   |  |  | +  |              | <b></b>  |               | ·•           |           | ←            | -        |
|              | 1                  | 1                 |  |  |  |              | 1  |               |              |           |              |          |
| <del></del>  |                    |                   | <del></del>  |  | <del>  -</del>                                   |              | <del>                                     </del> |               |              | ·         |              |          |
| į            |                    |                   |  |  | 1  | 1            |  |               |              |           |              |          |
|              |                    |                   | <del></del>  |  | +  |              | <del>                                     </del> |               |              |           |              |          |
| }            | ] }                | j                 |  | 1  |  |              |  |               | , ,          |           |              |          |
| Element (X)  | Σχ'                | ZX                | X F  | No. Obs.   |  |              | Hans No  | al Hausa mili | th Temperatu |           |              |          |
| Rel. Hum.    |                    |                   | <del></del>  | <del></del>                                      | . ^ =  | : 32 F       | e 67 F   | ≥ 73 F        | ~            | ,         | <del>-</del> |          |
| Dry Bulb     | 6115179            | 748 7             | 80.6 9.571   | 928  | = 0 F  | : 32 F       | + -0/ F  | 2/3 F         | - 80 F       | → 93 F    |              | tal      |
| Wet Bulb     | 3019220            | 52804             | 56.9 3.972   | 928  | <del> </del>                                     | <del> </del> | <del></del>                                      | <del> </del>  | <del> </del> | ļ         | <del></del>  | <u> </u> |
|              | 2693486            | 49822             | 53.7 4.487   | 928  | <b></b>  | <b></b>      | 1  | <del> </del>  | <del></del>  | <b></b>   |              | - 5      |
| Dew Point    | 2433346            | 47228             | 50.9 5.670   | 928  | 1  | L            | <u> </u>   | 1             | <u> </u>     | <u> </u>  | _i           | 9        |

SESTAL CLIMATOLOGY BRANCH S AFETAC AI: #EATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

17211 LAJES AB AZ STATION NAME TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | # 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point -71 • 0 1 69 • 0 1 / 67 • 2, 28 28 •1 •1 . B <u>• 6</u>] • 2 6/ 65 146 146 77 .1 2.2 3.2 2.6 645 645 1005 1005 379 113 2/ 61 .3 4.D 5.6 2.6 1.D • D .8 6.210.2 4.0 2.5 . 2 . 01 1775 1775. 752 497 1223 1223 1235 55/ 57 1.1 4.4 4.8 4.4 767 50/ 55 1.0 3.5 3.9 5.9 1117 1117 1205 960 1.6 4.1 2.4 68C 680 96C 1006 5 2/ 51 .9 3.3 1.0 . 1 411 885 730 .6 1.5 191 191, 1014 541 4-/ 47 . 8: .6 122 544 46/ 45 .6 66, 269 928 66 • 3 20 82 551 42/ 41 28 489 4"/ 39 144 3 :/ 37 40 3:/ 35 34/ 33 7436 7436 TOTAL 4.025.338.224.3 7.7 .5 7436 Mean No. of Hours with Temperature 7436 = 0 F 46578878 583090 78-410-731 24807265 Dry Bulb 428345 57.6 4.226 7436 744 Wet Bulb 53.9 4.492 21789990 401142 7436 Dew Point 50.8 5.689 19404295 377493 7436

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Waci Carrier

GLUBAL CLIMATOLOGY RRANCH US AFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

13271 LAJES AB AZ
STATION STATION NAME 71-80 PAGE 1 0000-0200 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B. W.B. Dry Bulb Wer Bulb Dew Pain (F) - 6/ 65 4 4 \_\_3 + 4/ 63 .1 2.8 1.8 45 45 . 8 62/ 61 .3 4.4 2.7 75 75 40 21 6 1/ 59 .611.3 9.4 2.1 211 211 69 ьl 148 57 .9 8.8 7.6 4.3 204 204 96 5 4 55 .6 4.9 5.3 7.J 164 164 153 53 .1 3.4 5.9 1.7 4/ 138 108 132 103 52/ 51 .3 2.3 2.9 125 51 51 117 5./ 49 .8 1.4 23 23 146 90 . 4 9 53 4 1/ 47 \_ 6 36 40/ 45 . 7 104 94/ 43 57 42/ 41 39 4 // 39 9 7-/ 37 TOTAL 2.939.937.717.1 2.4 960 900 900 No. Obs. Rei. Hum. 6101063 73617 81.8 9.431 900 10F Dry Bulb 51137 56.8 3.550 2916879 900 Wet Buib 46427 53.8 4.100 900 2620859 Dew Point 46111 2386965 900

TAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

273,0380,344

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLUMATOLOGY BRANCH AFETAC ALL WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

1 725 1 LAJES AB AZ STATION NAME

8S\_\_\_\_\_

APR -

PAGE 1 <u>0300</u>

| Temp.       |     |             |       | ,           |                |        |          |         |  |         | ESSION (     |          |         |         | · · · · · · · · ·                                |            | TOTAL .      |              | TOTAL       |        |
|-------------|-----|-------------|-------|-------------|----------------|--------|----------|---------|--|---------|--------------|----------|---------|---------|--|------------|--------------|--------------|-------------|--------|
| (F)         | 0   | 1 - 2       | 3 - 4 | 5 - 6       | 7 - 8          | 9 - 10 | 11 - 12  | 13 - 14 | 15 - 16  | 17 - 18 | 1 19 - 20    | 21 - 22  | 23 - 24 | 25 - 26 | 27 - 28 29                                       | - 30 + 31  | D.B. W.B.    | Dry Bulb V   | fer Buib C  | Dew Po |
| 1.67 55     |     |             | . 4   |             |                |        | 1        |         | i  |         |              |          |         |         |  |            | 4            | 4            |             |        |
| 44/ 63      |     |             | 1.0   |             |                |        | ļ        |         | •  |         | <del></del>  |          |         |         | ·  |            | 40.          | 40           | 4           |        |
| 12/61:      | • 1 | 2.7         | 3.6   | • 6         |                |        |          |         |  |         |              |          |         |         |  |            | 62           | 62           | 34          | 1      |
| 1 ./ 59     |     |             |       | 2.3         |                |        |          |         | <b></b>  | •       | <del> </del> |          |         |         |  |            | 195          | 195          | 61          | 6      |
| 5 3/ 57     | 1.3 | 9.3         | 6.4   | 4 . 1       | • 2            |        | !        |         | :  |         | į            | .        |         |         |  |            | 193          | 193          | 137         | 7      |
| 50/ 55      | 8   | 4.7         | 7.1   | 7.6         | • 3            |        | -        |         | i  |         | 1            | •        |         |         |  |            | 184          | 134          | 157         | 12     |
| 4/ 53       | • 2 | 3.2         | 5.3   | 1.9         | . 6            |        | i        |         | i  | i       | 1            | i        |         |         | 1  |            | 101          | 101          | 114         | 10     |
| · 2/ 51     | • 1 | 2.2         | 4.1   | . 4         |                |        |          |         | <u> </u>   | ·       | <u> </u>     |          | ļ       |         |  |            | 62           | 62           | 138         | 10     |
| - 1 49      | • 3 | 1.6         | 1.9   |             | ,              |        | į        |         |  |         |              |          | i i     |         | ,  |            | 34           | 34           | 151         | 8      |
| 4 1/ 47     | .1  | 2.2         | • 2   |             |                |        | <u> </u> |         | <u> </u>   | ļ       | <u>i</u>     |          |         |         |  |            | 23           | 23           | 8 C         | 10     |
| 46/ 45      |     | • 2         | ĺ     | [ [         | ĺ              |        |          |         | (  | 1       | 1            | 1        |         |         | !  |            | 2            | 2            | 22          | 10     |
| 44/ 43      |     |             |       |             |                |        |          |         | <u></u>  |         |              |          | l       |         | 1  |            |              |              | 2           | 7      |
| 42/ 41      |     |             |       |             |                |        |          |         |  |         |              |          |         |         | ,  |            |              |              |             | 3      |
| 40/ 39      |     | L           |       | <u> </u>    |                |        | i        |         | <u> </u>   |         | <u> </u>     | Í        |         |         |  |            |              |              |             | _      |
| 3 4/ 37     |     |             | [     |             |                |        |          |         |  |         |              | 1        |         |         |  |            | 74           |              |             |        |
| CTAL        | 4.2 | 39.7        | 38.3  | 16.6        | 1.2            |        |          |         |  |         | 1            |          |         |         |  |            | 1            | 900          |             | 90     |
|             |     |             |       |             |                |        |          |         | }  |         |              | i        |         |         |  |            | 970          |              | \$00        |        |
| 1           |     |             | Ĺ     | l l         |                |        |          |         | i  |         | l            |          |         |         |  |            |              |              |             |        |
|             |     |             |       | 7           |                |        |          |         |  |         |              |          |         |         |  |            | i            | !            |             |        |
| 1           |     | }           | 1     | 1 1         |                |        |          |         |  | ļ       |              |          |         |         |  |            |              |              | 1           |        |
|             |     |             |       |             |                |        |          |         |  |         |              |          |         |         | : :  |            | ;            |              | 1           |        |
|             |     |             | }     |             |                |        |          |         | 1  | [       |              | i        |         |         | !!!  | !          | , i          |              | i           |        |
|             |     |             |       |             |                |        |          |         |  |         |              |          |         |         | ! '  |            | 1            |              |             |        |
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|             |     |             |       |             |                |        |          |         | T  |         | 1            |          |         |         | <del>                                     </del> |            | <del></del>  |              |             |        |
|             |     | )           | )     |             |                |        |          |         |  |         | 1            | 1        |         |         |  |            | !            |              |             |        |
|             |     | <del></del> | 1     |             |                |        | 1        |         | <del>                                     </del> | 1       | 1            | <u> </u> | -       |         |  |            | · · ·        | +            |             |        |
|             |     | Í           | 1     |             |                |        |          |         |  |         | 1            | 1        |         |         | <u> </u>   | Ĺ          |              |              | ;           |        |
| Element (X) |     | Z X '       |       |             | ž <sub>X</sub> |        | X        | •,      |  | No. O   | ba.          |          |         |         | Mean No.   | of Hours w | th Temperati | 110          |             |        |
| Rel. Hum.   |     | 618         | 2932  |             | 741            | 30     | 82.4     | 9.2     | 60   |         | 00           | ± 0      | F       | 32 F    | ≥ 67 F   | ≥ 73 F     | → 80 F       | + 93 F       | T           | otal   |
| Dry Bulb    |     |             | 5729  | Ţ           |                |        | 56.4     |         |  |         | 00           |          |         |         |  | i          | i            | T            | <del></del> | 9      |
| Wet Bulb    |     |             | 1200  |             | 481            |        | 53.5     |         |  |         | 00           |          |         |         |  | 1          | 1            | 1            | 1           | 3      |
| Dew Point   |     |             | 6135  | <del></del> | 459            |        | 51.0     |         |  |         | 00           |          |         |         |  | +          | +            | <del> </del> |             | 9      |

FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ELEMAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17201 LAJES AB AZ 71-80 APF PAGE 1 0600-0866 WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dr. Buib Net Buib Dew Poin 16/ 65 •2 •2 £4/ 63 2.7 1.8 40 £ 2/ 61 4.2 4.3 37 . 3 15 235 10/ 59 9.6 12.0 3.0 235 52 61 5 %/ 57 7.3 7.4 4.2 194 194 147 1.2 85 162 \_.6 5 %/ 55 4.7 7.8 7.3 \_• 3 186 186 119 r 4/ 53 2.2 4.2 2.4 88 89 131 129 c 2/ 51 .9 3.1 39 39 130 • 11 . 8 53/ 49 16 16 138 9 C 0 5/ 47 1.3 40/ 45 82 44/ 43 67 42/ 41 35 4 4/ 39 33/ 37 36/ 35 72/ 31 3.733.742.018.2 2.2 900 No. Obs. 73113 81.2 9.491 6020429 900 57.1 3.374 53.9 3.955 Dry Bulb 51350 2946038 900 Wet Bulb 2631984 48547 900 2389137 46141

| ARE OBSC                                  |
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| PREVIOUS EDITIONS OF THIS F               |
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| 0.26.3 (01                                |
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CL - AL CLIMATOLOGY BRANCH LARETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

APR ---1°2'.1 LAJES AB AZ STATION NAME 71-80 PAGE 1 7900-1100 HOLAS ... S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 : 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Builb Wer Builb Dew Point 77/ 71 4 / 67 66/ 65: . 3: 1.4: 1.0 1.U. 3 152 44/ 63 3.1 5.6 6.6 1.1 10 152 18. 143 19 53 - 2/ 61 .1 3.7 3.C 6.6 2.C 183 1 59 1.0 6.710.212.4 3.8 315 315 116 73 64/ 57 2.0 4.0 7.2 2.4 141 141 100 214 5 % / 55 .9 1.4 3.2 . 7 194 136 54/ 53 •1, •3; 120 • 2 • 3 126 110 115 5 :/ 49 • 2 58 63 \_ 9 45/ 47 45/ 45 66 44/ 43 44 42/ 41 3 4 37 900 900 1.316.831.637.411.7 1.2 900 Mean No. of Hours with Temperature 10F 75.210.271 900 5177617 67635 60.1 2.931 Dry Bulb 3262257 54121 900 Wer Bulb 2808668 50176 55.8 3.545 900 90 46878 900

0.26-3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM JUN 21

3

EL CAAL CLIMATOLOGY PRANCH US AFETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

17271 LAJES AB AZ \_\_\_\_ AP# 71-80 1250-1400 PAGE 1 HOLAS ...... WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 + 31 D.B. W.B. Dry Buib Wet Buib Dew Poin 74/ 73 • 1 7\_/ 71 7 1/ 69 . 2 • 1 8 8 • 6 6 3/ 67 . 2 15 15 73 16/ 65 .7 2.8 3.4 1.1 73 5 . 1 233 44/ 63 3.0 6.412.9 2.0 • 9 .\_1\_4 233 36 - 2/ 61 2.8 6.1 9.1 6.R 224 69 26 · :/ 59 4.6 6.310.1 6.2 247 149 247 7 d ۲. ۱/ 57 .9 1.6 2.0 2.7 66 66 217 100 55/ 55 .2 1.6 . 8 28 28 178 153 ° 4/ 53 147 . 1 . 2 126 • 1 117 12/ 51 5 ó 5 3/ 49 40 67 40/ 47 87 45/ 45 69 44/ 43 3 8 22 42/ 41 407, 39 TOTAL 1.212.724.340.120.4 1.6 960 900 90C: No. Obs. Z X Zx' Element (X) ø, Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F → 80 F ≥ 93 F Rel. Hum. 900 10 F - 32 F 72.810.364 4570059 65545 Dry Bulb 3422511 55437 61.6 2.941 950 Wet Bulb 56.7 3.404 2900190 50998 900 Dew Point 2513189 47359 52.6 4.845 900

USAFETAC FORM O.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| •   | L | , • |     | A | L  |   | С | L | I | M | A | T C       | L          | 0 | G | ٧ | μ  | , 2 | A | V | C H    |
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| ٠,  | • | 1   |     | Ē | Ţ  | Δ | C |   |   |   |   |           |            |   |   |   |    |     |   |   |        |
| A   | • |     |     | ~ | Ę  | A | T | Н | F | ۴ |   | SE        | F          | ٧ | I | C | Ε/ | •   | A | С |        |
| . 1 | · | 2   | 1   | 1 | _  |   | _ |   |   | Ļ | ۵ | <u>Jt</u> | <u>_</u> S |   | A | 8 |    | 2   |   | _ |        |
|     |   | 5 7 | A 7 |   | 24 |   |   |   |   |   |   |           |            |   |   |   |    |     |   |   | \$ T / |

# PSYCHROMETRIC SUMMARY

| STATION     |     |                  |       | 51   | ATION N        | AME              |  |                |            |   |                    |                   |               | EARS              |         |  |             |              | MON               | · <del></del> |
|-------------|-----|------------------|-------|--|----------------|------------------|--|----------------|------------|---|--------------------|-------------------|---------------|-------------------|---------|--|-------------|--------------|-------------------|---------------|
|             |     |                  |       |  |                |                  |  |                |            |   |                    |                   |               |                   |         |  | PAGE        | 1            | 1500-             | 1.7 <u>0</u>  |
| Temp.       |     |                  |       |  |                |                  |  |                |            | DEPRESSIO                                   |                    |                   |               |                   |         |  | TOTAL       |              | TOTAL             |               |
| (F)         | 0   | 1 - 2            | 3 - 4 | 5 - 6  | 7 - 8          | 9 - 10           | 11 - 12                                      | 13 - 14 1      | 5 - 16     | 17 - 18 19 -                                | 20 21 -            | 22 23 -           | 24 25 - 2     | 6 27 - 28         | 29 - 30 | 31   | D.B. W.B. [ | Iry Bulb     | Wet Bulb [        | Dew Po        |
| 7-7-73      |     |                  |       |  | • 2            | . 1              | . !  |                |            | :   | 1                  | 1                 |               |                   |         |  | 3           | 3            |                   |               |
| 7./ 69      |     |                  | • 1   | . 2  | • 3            |                  | <u>.                                    </u> |                |            |   |                    |                   |               |                   |         |  | 6.          | 6.           |                   |               |
| · / 67      | I   | 1                | • 6   |  |                |                  | : ,  |                |            |   |                    |                   |               |                   |         |  | 16          | 16           |                   |               |
| · t/ 65     |     |                  |       | 2.0  |                |                  | <u> </u>                                     |                |            |   |                    |                   |               |                   |         |  | 52          | 52           | 5.                |               |
| 63          | • 1 | 2.8              | 6.6   | 9.0  | 2.0            | • 2              |  | 1              |            |   |                    |                   |               |                   |         |  | 186         | 196          | 30                | 1             |
| _/ 61       |     |                  |       | 8.8  |                | .1               |  |                | :          |   |                    |                   |               |                   |         |  | 229         | 229.         |                   |               |
| · 1/ 59     | • 1 |                  |       | 13.7   |                | . 8              |  |                | i          |   |                    |                   |               | 4                 |         |  | 294         | 294          | 127               | 8             |
| 5/ 57       | . 4 |                  |       | 2.7  | 1.7            |                  | L!   |                |            |   |                    |                   |               | <del></del>       |         |  | 76.         | 70.          | 202               | 9             |
| 567 55      | • 2 | • 9              | . 4   | 2.1  | • 6            |                  | 1  | .              |            |   |                    |                   |               |                   |         |  | 38          | 3.8          | 199               | 11            |
| 54/ 53      |     |                  | 3     | . 2  |                |                  | <u> </u>                                     |                |            |   |                    |                   |               | <del></del>       |         | ·· ·   | 5.          | 5.           | 141.              | 14            |
| 52/ 51/     | i   |                  | • 1   |  |                |                  |  |                | 1          | ,   | }                  | 1                 |               |                   |         |  | 1           | 1            | 69                | 12            |
| 50/ 49      |     |                  |       | <b></b>  |                |                  | <u> </u>                                     |                |            |   | $\rightarrow$      | $\bot$            | <del></del>   | <del></del>       |         |  |             |              | 42.               | 7             |
| 45/ 47      | į   | i                |       |  |                |                  | ( i  | i              | i          |   |                    |                   |               |                   |         |  |             |              | 8                 | 5             |
| 45/ 45      |     |                  |       | :  |                |                  | <b></b>                                      |                |            |   |                    |                   |               |                   |         |  |             |              |                   | 7             |
| 4/ 43       | 1   | į                |       | i  |                |                  | i  |                |            | ! :   |                    | į                 |               |                   |         |  |             |              |                   | Ž             |
| 42/ 41      |     | 1                |       |  |                |                  | ļ  |                |            |   |                    |                   |               | _ <del>-</del> +  |         |  |             | ·            |                   | 2             |
| 4 3/ 39     | ĺ   | 1                |       |  |                |                  |  | i              |            |   |                    | ,                 |               |                   |         |  |             |              |                   |               |
| TAL         | 1.7 | 13.0             | 26.8  | 39.4   | 17.9           | 1.2              | L  |                |            |   |                    | <del></del>       |               |                   |         |  |             | 900          |                   | 90            |
| j           | ļ   |                  |       |  |                |                  | j  |                |            | i   | 1                  |                   |               |                   |         |  | 900         |              | 900:              |               |
|             |     |                  |       |  |                |                  | ļ  |                |            |   |                    |                   |               |                   |         | •  |             |              |                   |               |
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|             |     |                  |       | ļ  |                | ļ                | <b></b>                                      |                |            | <b></b>                                     |                    |                   |               |                   |         | - <b>-</b>                                       |             |              | ·                 |               |
| ì           | ]   | ì                |       |  |                |                  |  |                |            | i   | ļ                  | - 1               |               | 1 1               |         | :  |             |              |                   |               |
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| j           | }   | j                |       |  |                | }                |  |                |            |   |                    | 1                 | 1             | i 1               |         | i 1  |             | !            | :                 |               |
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|             |     |                  |       |  |                | <del>_ ,</del> _ | <u> </u>                                     | <del>   </del> | <b>—</b> J | <u>ــــــــــــــــــــــــــــــــــــ</u> | <del></del>        |                   |               | 44                |         |  |             |              |                   |               |
| Element (X) |     | Z X <sup>1</sup> |       |  | z <sub>X</sub> | -                | X  | 7,             | +          | No. Obs.                                    | - · - <del>.</del> | 0 F               | ± 32 F        |                   |         | 73 F   | Temperatu   | * 93 F       |                   | otal          |
| Dry Bulb    |     |                  | 6464  | i  | 662            |                  |  | 10.21          |            | 900   | - <del>i</del>     | <del>• •</del>    | = 34 F        | <del></del>       | -5      |  | - 00 1      | 73 -         |                   |               |
| Wet Bulb    |     |                  | 7178  | <del>                                     </del> | 549            |                  |  | 2.98           |            | 900   |                    | $\longrightarrow$ |               | <del></del>       | •=      | 3  |             | <del> </del> | <del></del> -     | <u> </u>      |
| Dew Point   |     |                  | 9115  | <del> </del>                                     | 507            |                  |  | 3.47           |            | 900   |                    | $\longrightarrow$ |               | <del></del> -     | -+-     |  |             | +            | <del></del>       | 9             |
| Dew Foint   |     | 249              | 4441  | L  | 471            | <i>1</i> 9L      | 32.4   | 4.86           | 4          | 900   |                    |                   |               |                   |         |  |             |              |                   | 9             |

71-80

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL MAL CLIMATOLOGY BRANCH USAFETAC ALL WEATHER SERVICE/MAC

| STATION | LAJES AB AZ                  | 71-80  | YEARS                                       |              |               | - AP              |      |
|---------|------------------------------|--|---|--------------|---------------|-------------------|------|
|         |                              |  |   | PAGE         | 1 .           | 1 6 00 -<br>Hours | 200  |
| Temp.   |                              | TEMPERATURE DEPRESSION (F                          |   | TOTAL        |               | TOTAL             |      |
| (F)     | 0 1-2 3-4 5-6 7-8 9-10 11-12 | 13 - 14 15 - 16 17 - 18 19 - 20 2                  | 1 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 | D.B. W.B. D. | v Bulb        | Wer Buib D        | ew P |
| 7 7 7 1 | • 1                          |  | į į   | 1            | 1             |                   |      |
| 5 1 67  | •1 •2                        | <del>                                     </del>   |   | 3            |               |                   |      |
| 16/ 65  | 1.1 .3                       |  | 1   | 13           | 13            | 1                 |      |
| 4/ 63   | .1 2.6 5.G 2.8 .1            |  |   | 95           | 95            | 11.               | _    |
| 12/ 61  | .3 4.8 6.8 4.4 .7            |  |   | 153          | 153           | 40                | •    |
| 5/ 59   | .3 5.815.610.2 1.9 .1        |  |   | 305          | \$05 <u>.</u> | 107               |      |
| 4/ 57   | .7 3.8 5.8 9.4 2.1           |  |   | 196          | 196           | 159               | 1.   |
| 56/ 55  | .4 2.9 2.3 4.4 .8            | <del>  -   -   -   -   -   -   -   -   -   -</del> | '   | 98           | 98            | 224               |      |
| 4/ 53   | •1 •6 1•1 1•1 •2             |  |   | 28           | 28            | 135               | 1 4  |
| 2/ 51   | .1 .4 .3                     | <del></del>  |   | 8            |               | 128               | 14   |
| 7 49    |                              |  |   |              |               | 70                |      |
| 4-/ 47  |                              |  |   |              |               | <u>21</u> _       |      |
| 45/ 45  |                              |  | İ   |              |               | 4                 |      |
| 4/ 43   |                              |  |   |              |               |                   |      |
| 42/ 41  |                              |  | ,   |              |               |                   |      |
| 1 39    | <del></del>                  | <del> </del>                                       |   |              | -             |                   |      |
| 30/ 37  |                              |  | į   |              |               |                   |      |
| OTAL    | 2.020.438.233.1 6.1 .1       |  |   |              | 900,          |                   | 9,   |
|         |                              |  |   | 900          |               | 900               |      |
|         |                              |  | <del></del>                                 |              |               | · · •             |      |
|         |                              |  |   |              |               |                   |      |
|         |                              |  |   |              |               |                   |      |

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|             |         |            |             |          | 1        | -      | 1          |              |             |            |            |
|             |         |            | L           |          | <u> </u> |        |            |              | <b>.</b>    |            |            |
|             |         |            |             |          |          |        |            |              |             |            |            |
|             |         | <u></u>    | ļ <u>i.</u> |          |          |        |            |              |             |            |            |
| Element (X) | Z X'    | <u></u>    | <b>₹</b>    | No. Obs. |          |        | Mean No. a | of Hours wit | h Temperatu | r <b>e</b> |            |
| Rel. Hum.   | 5468393 | 69645 77.4 | 9.376       | 900      | : 0 F    | : 32 F | e 67 F     | ≥ 73 F       | ≥ 80 F      | ≠ 93 F     | Total      |
| Dry Bulb    | 3146432 | 53148 59.1 | 2.958       | 900      | i        |        | . 4        |              |             |            | 90         |
| Wet Bulb    | 2745463 | 49607 55.1 | 3.527       | 900      |          |        |            |              |             |            | 90         |
| Dew Point   | 2441849 | 46685 51.9 | 4.740       | 900      |          |        |            |              |             |            | <b>y</b> c |

GL FAL CLIMATOLOGY BRANCH OF AFETAC AIM WEATHER SERVICE/MAC

| Dew Point        | 2437410                    | 46630            | 51.8          | 4.886                                   | 900  |                 | <u> </u>     |                |             |                 | <u> </u>         | i                 | 9                                     |
|------------------|----------------------------|------------------|---------------|---|--|-----------------|--------------|----------------|-------------|-----------------|------------------|-------------------|---------------------------------------|
| Wet Bulb         | 2685203                    | 49039            |               | 3.828                                   | 900  |                 | <b></b>      |                |             | •               |                  |                   |                                       |
| Dry Bulb         | 3005535                    | 51925            |               | 3.293                                   | 900  |                 |              | .3             |             |                 | i                |                   | · · · · · · · · · · · · · · · · · · · |
| Rel. Hum.        | 5970846                    | 72852            |               | 9.055                                   | 900  | : 0 F           | : 32 F       | ≥ 67 F         | ≥ 73 F      | - 80 F          | • 93 F           | T.                | otal                                  |
| Element (X)      | Σχ'                        | Z <sub>X</sub>   | ¥             | <b>≠</b> 1                              | No. Obs.   |                 |              | Mean No. c     | f Hours wit | h Temperatu     | re               |                   |                                       |
|                  |                            |                  |               |   |  | +               |              | <del></del>    |             | <b></b>         |                  |                   |                                       |
|                  |                            |                  |               |   |  |                 | :            | !              |             | i               |                  |                   |                                       |
|                  |                            |                  |               |   |  |                 |              |                |             | 4               |                  |                   |                                       |
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| <del>-</del>     |                            |                  | <del> </del>  |   | +  | <del>  </del> - |              |                |             | •               |                  |                   |                                       |
|                  |                            |                  |               |   |  |                 |              | <del>-</del> • | •           | •               |                  |                   |                                       |
|                  |                            |                  |               |   |  |                 |              |                |             | 900             |                  | 900               |                                       |
| TAL              | 3.931.142.12               | 1.3 1.7          |               | <b></b>                                 | +  | ·               |              |                |             |                 | ୨ପ୍ର             |                   | - 3                                   |
| 5/ 35            |                            |                  | <del></del>   |   | +  | <del></del>     |              | •              |             | <del>*</del>    |                  | •                 |                                       |
| · / 39<br>· / 37 |                            |                  | 1             |   |  |                 |              |                |             |                 |                  |                   |                                       |
| - 2/ 41          |                            |                  | <u> </u>      |   | _ <del></del> _                                  |                 |              |                | <b>.</b>    |                 |                  | •                 |                                       |
| 4/ 43            | • 2                        |                  | <del> </del>  |   | <del></del>                                      | + +             |              |                |             | 2               | 2.               | _ <u>1.4</u> .    | -                                     |
| 47               | •1 •3                      |                  | 1             |   |  | 1 1             |              |                |             | 4               | 4                | 34                |                                       |
| 1 49             | .6 1.0                     | . 3              | 1             |   |  |                 |              |                |             | 17.             | 17.              |                   |                                       |
| 4/ 53<br>2/ 51   | 2.0 3.3                    | 2.1 .3           | <del></del> - | <del></del>                             | <del></del>                                      | 1               |              |                |             | <u>70</u><br>29 | <u>70:</u><br>29 | $\frac{151}{131}$ | - <u>1</u>                            |
| 5/ 55            | .7 5.J 5.6                 | 6.7: .2          |               |   |  | -•- · -• ·      | •            |                | •           | 163             | 163              | 178               | 1                                     |
|                  | 1.0 6.310.0                |                  |               | . !                                     | :<br>!   | 1               |              |                |             | 212             | 212<br>232.      | 99<br>135.        |                                       |
| 7 61             | . 6 5.6 3.9<br>1.2 7.212.6 |                  | 1             | <u> </u>                                |  | ····            | _ ·• · ·     |                |             | . 105.          | 105.             |                   |                                       |
| 4/ 63            | 2.9 2.4                    | • 6 <sub>i</sub> | · <del></del> | • · · · · · · · · · · · · · · · · · · · |  |                 |              | • • • •        |             | 53              | 5.3              | 5                 |                                       |
| 67 67 65 E       | .1 .8                      |                  | į             | :                                       |  |                 |              |                |             | 3<br>10         | 3<br>10_         |                   |                                       |
| (F)              | 0 1-2 3-4                  |                  | 0 11 - 12     | 13 - 14 15 - 1                          | 16 17 - 18 19 - 20                               | 21 - 22 23      | - 24 25 - 26 | 27 - 28 29     | 30 • 31     | •               |                  | Wer Buib E        | De v                                  |
| Temp.            |                            |                  |               |   | E DEPRESSION                                     |                 |              |                |             | TOTAL           |                  | TOTAL             |                                       |
|                  |                            |                  |               |   |  |                 |              |                |             | PAGE            | 1                | 21 00-            | 23                                    |
| SIATUR           | LAJES AB AZ                | STATION NAME     |               |   |  |                 | * (          | 495            |             |                 |                  | - V2N             | ٠                                     |

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SEDEAL CLIMATOLOGY BRANCH USAFETAC AID WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17201 LAJES AR AZ

71-80

APP

PAGE

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|            |     |               |        |       |       |        |         |              |                 |              |                 |            |              | PAG        | E I          | HOURS .  | L <b>L</b><br>5. *. |
|------------|-----|---------------|--------|-------|-------|--------|---------|--------------|-----------------|--------------|-----------------|------------|--------------|------------|--------------|----------|---------------------|
| Temp.      |     |               |        |       |       |        |         |              | RE DEPRESSIO    |              |                 |            |              | TOTAL      |              | TOTAL    |                     |
| (F)        | 0   | 1 - 2         | 3 - 4  | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 15 - | 16 17 - 18 19 - | 20 21 - 22 2 | 23 - 24 25 - 26 | 27 - 28 29 | - 30 ≥ 31    | D.B. W.B.  | Dry Bulb     | Wet Buib | Dew P               |
| 74/ 73     |     |               |        |       | , •ং  | • 0    |         | i            |                 | 1 1          | i               |            |              | 4          | 4            |          |                     |
| 72/ 71     |     | <u> </u>      |        |       | • 1   |        |         | !            |                 |              | 1               |            |              | 6          | 6            |          |                     |
| 7 1 69     |     | į :           | • 0    | • 1   | • 1   | • 0    |         |              | 1               | 1 1          |                 |            |              | 14         | 14           |          |                     |
| 1 67       |     |               | . 2    |       |       | • 0    |         |              |                 |              |                 |            |              | 41         | 41           |          |                     |
| 6/ 65      |     | • 2           | 1.1    | • 9   | . 4   | • 0    |         |              | 1               |              |                 |            | • • •        | 194        | 194          | 14       |                     |
| 4/ 63      | • 2 | 2.9           | 3.8    | 4.1   | . 7   | . 2    |         |              |                 |              |                 |            |              | 847        | 847          | 115      | 4                   |
| 62/ 61     | • 3 | 3.9           | 5.3    | 4.0   | 1.9   | • C    |         |              |                 |              |                 |            | •            | 1111       | 1111         | 386      | 1 4                 |
| 6.4 59     | . 9 | 7.4           | 10.3   | 7.0   | 2.3   | . 2    |         | i.           | 1_              |              |                 |            |              | 2014       | 2014         | 810      | 5                   |
| 5-/ 57     | . 7 | 5.0           | 5.6    | 5.3   | 1.5   | • 0    | • 0     |              |                 |              |                 |            |              | 1296       | 1296         | 1359     | 7 (                 |
| 50/ 55     | . 4 | 3.1           | 3.7    | 5.0   | . 5   |        | _       |              |                 |              |                 |            |              | 917        | 917          |          | 9                   |
| 4/ 53      | • 1 | 1.4           | 2.6    | 1.2   | . 4   |        |         | Ī            | 1               |              |                 |            |              | 411        | 411          | 1071     | 10                  |
| 2/ 51      | - 1 | . 8           | 1.6    | • 2   |       | 1      |         |              |                 |              |                 |            |              | 192        | 192          | 687      | 9                   |
| 1 49       | • 1 | • 5           | . 7    | • 1   |       |        |         |              | 1               |              |                 |            |              | 92         | 92           | 750      | 6                   |
| -/ 47      | .0  | • 5           | • 2    |       | 1     | i      |         | í            | 1               |              |                 |            |              | 51         | 51           | 259      | 7                   |
| 10/ 45     |     | • 1           |        |       |       |        |         |              |                 |              |                 |            |              | 10         | 10           |          |                     |
| 4/ 43      |     |               |        |       | ! i   | i      |         |              |                 |              |                 |            |              |            |              | 11       | 3                   |
| . 2/ 41    |     |               |        |       |       |        |         |              |                 |              |                 | •          | •            |            |              | · -•     | 2                   |
| 1 39       |     | l i           |        |       |       |        |         |              | !               |              |                 |            |              |            |              |          |                     |
| 7c/ 37     |     |               |        |       |       |        |         |              |                 |              |                 |            |              | • •        |              | •        |                     |
| 35/ 35     |     | i             |        |       |       |        |         |              |                 |              |                 |            |              |            |              |          |                     |
| '2/ 31     |     |               |        |       |       | i      |         |              |                 |              |                 | • • •      | •            | •          |              | •        |                     |
| TAL        | 2.6 | 25.9          | 35 - 1 | 27.9  | 8 . C | . 5    | • 0     |              |                 |              |                 |            |              |            | 7200         |          | 72                  |
| 1          |     |               |        |       |       |        |         |              |                 |              |                 | • •        | •            | 7200       |              | 7200     |                     |
| Ì          |     | 1 1           | i      |       | 1     |        |         |              |                 |              |                 |            |              |            |              | • • •    |                     |
|            |     |               |        |       |       |        |         |              |                 | 1            |                 | • • •      | •            | •          |              | •        |                     |
| ļ          |     | ] ]           |        |       | ]     | - 1    |         |              |                 |              |                 |            |              |            |              |          |                     |
|            |     | 1 1           |        |       |       |        |         |              |                 |              | <del></del>     |            |              |            |              | •        |                     |
| }          |     |               |        |       | l i   |        |         |              | i i             |              | 1               |            |              |            |              |          |                     |
|            |     |               |        |       |       |        |         |              | 1               | +            |                 | •          | • • • •      | • • •      |              | •        |                     |
| i          |     |               |        |       | ĺĺ    | ,<br>1 |         | i            | i               |              | •               |            |              |            |              |          |                     |
|            |     | 11            |        |       |       |        | —       | <u>-</u>     |                 |              | <del></del>     |            | •            |            |              | • •      |                     |
|            |     |               | i      |       |       | ĺ      |         |              |                 |              | 1               |            |              |            |              |          |                     |
|            |     | <del>  </del> |        |       |       |        |         | <del></del>  | <del></del>     |              |                 |            |              | • • •      |              |          |                     |
| Ì          |     |               |        |       |       | ļ      |         |              |                 |              |                 |            |              |            |              |          |                     |
| lement (X) |     | Zx'           |        | -     | Σx    |        | ¥       | <b>₹</b>     | No. Obs.        | <del>1</del> |                 | Mean No. 6 | of Hours wit | h Temperat | u18          |          |                     |
| el. Hum.   |     | 4475          | 7827   |       | 5627  |        |         | 10.356       | 7200            | : 0 F        | 1 32 F          |            | 73 F         | - 80 F     | 93 (         |          | 0101                |
| ry Bulb    |     | 2493          |        |       | 42286 |        |         | 3.74C        | 7200            | +            | <b>+</b>        | 5 • 5      |              |            | +            | -·· '    |                     |
| Vet Bulb   |     | 2155          |        |       | 3956  |        |         | 3.914        | 7200            | +            | -               | 2 0 2      |              | •          | •            |          | 7                   |
| Dew Point  |     | 1949          |        |       | 3729. |        |         | 5.C01        |                 | +            | +               |            | ·            |            | <del>-</del> |          | 7.                  |
|            |     | 1347          | 3304   |       | 21671 | 141    | 1 6     | 20011        | 7200            | 1            |                 |            |              |            |              |          |                     |

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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| IRE OBSOL                            |
|--------------------------------------|
| •                                    |
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|                                      |
| Ö<br>Z                               |
| EDI710                               |
| PREVIOUS EDITIONS                    |
| م<br>اه.                             |
| 0.26.3                               |
| ₹<br>2<br>2<br>2<br>2<br>2<br>3<br>3 |
| ب                                    |

OL FAL CLIMATOLOGY BRANCH UTAFLIAC ALS REATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

STATION NAME -- - MAY 71-80 0000-0200 Holds L. s. f. PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL L 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) - ./ 67 2 + 5/ 65 1.3 3.2 .4 + 4/ 63 .4 9.9 4.9 .9 46 46 \_ 30 151 151 37 169 135 216 127 167 143 1.0 6.0 8.9 1.5 121 61 169 \_**₽** ċ .5: 6.310.5 4.9 .9 1 / 59 216 116 5 / 57 167 .2 5.9 5.9 4.6 1.3 118 3.7 3.1 2.5 .4 5 1/ 55 90 90 163 126 ° 4/ 53 .5 1.7 3.2 .5 60 60 127 .5 1.6 12/ 51 23 90 119 c / 49 5. 69 62 4 .. / 47 • 1 24 66 4./ 45 50 44/ 43 30 42/ 41 4 ./ 39 3 1/ 37 T? TAL 2.935.442.415.8 3.4 930 ¥ Element (X) Z x' Z X ₹<sub>A</sub> No. Obs. Mean No. of Hours with Temperature Rel. Hum. 76097 81.8 9.316 930 • 93 F 6307235 Dry Bulb 55172 59.3 3.703 52288 56.2 4.229 3285806 930 93 Wet Bulb 2956434 930 93 Dew Point 2707194 49934 53.7 5.302 930

GURRAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

| T 27 1      | LAJES AB A  | STATION NAME                                       |            |              | 71-8C              |              | v E A        | ns -            |   | · · · -  | ##         | , "    |
|-------------|-------------|--|------------|--------------|--------------------|--------------|--------------|-----------------|---|----------|------------|--------|
| 37-1104     |             | 3 TO THE ROME                                      |            |              |                    |              |              | 2               | PAG                                     | E 1      | 0300-      | -050   |
| Temp.       |             | W.   | T 0111 0 3 | THREE ATIL   | RE DEPRESSION      | (5)          |              |                 | TOTAL                                   |          | TOTAL      | , s, t |
| (F)         | 0 1-2 3-4   | 5-6 7-8 9-1  | 0 11 - 12  | 13 - 14 15 - | 16 17 - 18 19 - 20 | 21 - 22 23   | - 24 25 - 26 | 27 - 28 29 - 30 | 31 D.B. W.B.                            | Dry Bu b | Wet Buib I | Dew P  |
| 50/ 67      | •1. •3      | . 1  |            |              |                    |              |              | •               |   | 5        | . 1        |        |
| 16/ 65      | .9 1.9      |  |            |              | 1                  |              |              |                 | 30                                      | 30       | 6          |        |
| + 4/ 63     | .310.7 5.1  | 2.0  |            |              |                    |              |              | •               | 168                                     | 168      | 24         |        |
| 12/ 61      | 1.4 4.7 7.6 |  |            |              |                    |              |              |                 | 135                                     | 135      | 135        |        |
| - / 59      | .5 6.5 10.2 | 4.6 .5   |            |              |                    |              |              | •               | 208                                     | 208      | 115        |        |
| 5-/ 57      | .2 6.8 4.8  | 2.7 1.7  |            |              | :                  | · i          |              |                 | 151                                     | 151      | 145        | 1      |
| 50/ 55      | .9 4.8 2.9  | 2.9 .5   | 1          | }            |                    | 1            |              | •               | 112                                     | 112      | 168        | 1      |
| -4/ 53      | .2 2.3 3.2  |  |            |              |                    |              |              |                 | 56                                      | 67       | 121        | 1      |
| 52/ 51      | 1.4 1.7     | • 2  |            |              |                    |              |              |                 | 31                                      | 31       | 76         |        |
| 5 / 49      |             | • 2  |            |              |                    |              |              |                 | 13                                      | 13       | 80         |        |
| 4 3/ 47     | •2 •6       |  |            |              |                    |              |              |                 | 8                                       | 8        |            |        |
| 46/ 45      | .1 .1       |  |            |              |                    | 1            |              |                 | 2                                       | 2        | 16         |        |
| 44/ 43      |             |  |            |              |                    |              |              |                 |   |          | 3          | _      |
| 42/ 41      |             |  | _          |              |                    | -            |              |                 |   |          |            |        |
| 4 / 39      | 1           |  |            |              |                    |              |              |                 |   |          |            |        |
| 34/ 37      |             |  |            |              |                    | 1            |              |                 | ******                                  |          |            |        |
| TO TAL      | 3.638.939.4 | 14.9 3.3   |            | :            |                    |              |              |                 |   | 9.70     |            | 9      |
|             |             |  |            |              |                    | 1            |              |                 | 929                                     |          | 929        |        |
| 1           |             | i i  |            | į            |                    | 1            |              |                 |   |          |            |        |
|             |             | <del>                                     </del>   |            | ·            |                    | +            |              |                 | • |          | •          |        |
|             |             |  | 1          |              |                    | 1            | 1            |                 |   |          |            |        |
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| 1           |             | 1 1 1  |            |              |                    | j j          | j            |                 | 1                                       |          |            |        |
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| ł           |             |  |            |              |                    | 1            | ļ ,          |                 |   |          |            |        |
|             |             | +  | +          | <del></del>  | <del></del>        | +            |              | <del></del>     | •                                       |          |            |        |
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| ł           |             |  | 1          |              |                    |              |              |                 |   |          |            |        |
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|             |             |  |            |              |                    |              |              |                 |   |          |            |        |
| Element (X) | Σχ'         | ZX   | X          | •,           | No. Obs.           |              |              | Mean No. of H   | ours with Temperat                      | ure      |            |        |
| Rel. Hum.   | 6355269     |  |            | 9.489        | 929                | ± 0 F        | 5 32 F       | ≥ 67 F          | 73 F #80 F                              | - 93     | F T        | otal   |
| Dry Bulb    | 3235633     | 54727  | 59.8       | 4.039        | 930                |              |              | •5              |   | 1        |            |        |
| Wet Bulb    | 2713983     |  |            | 4.482        | 929                | L            | 1            | -1              |   |          |            |        |
| Dew Point   | 2671373     | 49550  | 53.3       | 5.515        | 929                |              | 1            |                 |   |          |            |        |

| CL    | AL     | CLIMA | TOLOGY  | BRANCH |
|-------|--------|-------|---------|--------|
| ءَ نِ | AF E T | A C   |         |        |
| Δ-    | ء ـ د  | ATHFH | SERVIC. | '/MAC  |

| Rel. Hum-<br>Dry Bulb |     |                | 6618<br>2153 |                | 749<br>559 |                |          | 9.90           | <br>930    | 307         | = 32 F        | 2 •          |             | ▶ 80 F               | + 93 F      | 7                   | Total |
|-----------------------|-----|----------------|--------------|----------------|------------|----------------|----------|----------------|------------|-------------|---------------|--------------|-------------|----------------------|-------------|---------------------|-------|
|                       |     | ,              |              |                | 7          | 20             |          |                |            |             |               |              |             |                      |             | : \                 |       |
|                       |     | Σχ'            |              |                | ZX         |                | X        | •,             | <br>. Obs. | = 0 F       | : 32 F        |              | of Hours wi | <del></del>          |             |                     |       |
| 2                     |     | <del>*</del> 2 |              |                | 7          |                |          |                | 010        |             |               | 1            |             |                      |             |                     |       |
|                       |     |                |              |                |            |                |          |                |            |             |               |              |             | 1                    |             | :                   |       |
|                       |     |                |              |                |            |                |          |                | <br>       |             | -             |              |             | <del>-</del>         |             |                     |       |
|                       |     |                |              |                |            |                |          |                | <br>-      | +           |               | + +          | <del></del> | <del></del>          |             | · •                 | -     |
|                       |     |                |              |                |            |                |          |                |            |             |               |              |             |                      |             |                     |       |
|                       |     |                |              |                |            |                |          |                |            |             |               |              |             |                      |             |                     |       |
|                       |     |                |              |                |            |                |          |                | <br>       |             |               | 1            |             | ······               |             | •                   |       |
|                       |     |                |              |                |            |                |          |                | <br>       | ++          |               |              |             |                      |             |                     |       |
|                       |     |                |              |                |            |                | Í        |                |            |             |               |              |             |                      |             |                     |       |
|                       |     |                |              |                |            |                |          |                |            | 1           | <u> </u>      |              |             | - <b>-</b>           |             | ·                   |       |
|                       |     |                |              |                |            |                |          |                | <br>+      | 4           |               |              |             | 930                  |             | 930                 |       |
| TAL                   | 2.9 | 32.5           | 37.6         | 21.9           | 4.7        | • 2            |          | • 1            |            |             |               |              |             |                      | 930         |                     | (     |
| 2/ 39                 |     |                |              |                |            |                |          |                | <br>       | <u> </u>    |               |              |             | <b></b>              |             |                     |       |
| -4/ 43                |     |                |              |                |            | <del>- i</del> |          | -              | <br>+      | <del></del> |               |              | ··· + ···   | *                    | ·           |                     |       |
| 11/ 45                |     |                | • 1          |                |            |                |          |                |            | , ,         |               |              |             | 1                    | 1           | 9                   |       |
| / 47                  |     | . 1            | 1            |                |            |                |          |                |            | 11          |               |              |             | 2.                   | 2.          | . 20.               |       |
| 2/ 51                 |     | • 5'           |              |                |            |                |          |                | <br>       | <del></del> |               |              |             | 13                   | 13          |                     |       |
| 4/ 53                 |     | 1.0            | 1.4          | • 8            |            |                | <u>-</u> |                |            |             |               |              |             | 30                   | 30          | 105                 | 1     |
| 56/ 55                |     | ,              |              | 2.7            | 1.7        | • 1            |          |                |            |             |               |              |             | 125<br>77            | 77          | 166                 | 1     |
| 1 57                  |     |                |              | 6.6            |            |                |          | <del> </del> - | <br>-+     |             |               |              |             | 240                  | 240.<br>125 |                     | ]     |
| 21 61                 | 1.1 | 6.7            | 7.2          | 3.0            | . 4        | . 1            |          | - <del></del>  | <br>1      |             |               | • • •        | •           | 172                  | 172         |                     | -     |
| 667 65<br>47 631      |     |                |              | 1 • 1<br>3 • 4 |            |                | ļ.       | • 1            |            |             |               |              |             | 56<br>135            | 56<br>185   | 14<br>45            | _     |
| -/ 67                 |     |                | • 8          | . 4            |            |                |          |                | <br>       |             |               |              |             | 13                   | 13          |                     |       |
| 1 69                  | ·   |                | • 5          |                | • 1        |                |          |                | <br>       |             |               |              | , , , , , , | 10                   | 10          | •                   |       |
| Temp.<br>(F)          | 0 , | 1,2            | 3 - 4        | 5 - 6          | 7 - 8      |                |          |                | PRESSION   |             | 3 . 24 . 25 . | 26 27 - 28 2 | 9 - 30 - 31 | TOTAL<br>D.B. W.B. D | ory Buib    | TOTAL<br>Wer Bulb 1 | Dew   |
|                       |     |                |              |                |            |                |          |                | <br>       |             |               |              |             |                      |             |                     | . 5.  |
|                       |     |                |              |                |            |                |          |                |            |             |               |              |             |                      |             | -0650-              |       |

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SLUFAL CLIMATOLOGY PRANCH LFAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17 261 LAJES AB AZ 71-80 MON'H STATION NAME 3930-1163 PAGE 1 H3.85 ... 5. \* WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Por ~4/ 73 4 • 1 72/ 71 .9 1.4 30 7 1/ 69 2.7 2.9 2.4 • 5 71 2 71 6 1/ 67 .1 3.2 2.9 1.6 • 3 77 77 9 56/ 65 .1 1.6 6.5 6.7 1.7 158 158 57 44/ 63 4.4 7.3 8.6 3.5 233 233 132 71 . 2/ 61 3.0 3.7 5.2 3.9 148 148 140 79 5.L/ 59 .2 2.5 3.4 6.7 3.5 1.4 165 128 165 174 . 4 57 1.1 . 6 27 152 140 27 56/ 55 . 4 1.0 13 13 118 ° 4/ 53 • 1 2 2 97 • 1 166 32 79 7 2/ 51 1 1. 5 1/ 49 46 4 3/ 47 5.8 40/ 45 36 44/ 43 26 #2/ 41 933 TOTAL 930 1.012.728.534.419.1 4.0

|             |         |       |          |          |              |          | ·          |              |           | - <b>•</b> | -•    |
|-------------|---------|-------|----------|----------|--------------|----------|------------|--------------|-----------|------------|-------|
| Element (X) | Z X 2   | ZX    | X FA     | No. Obs. | <del> </del> | <u>.</u> | Mean No. a | f Hours with | Temperati |            |       |
| Rel. Hum.   | 5146755 | 68479 | 73.610.6 | 930      | : 0 F        | 1 32 F   | . 17 F     | ≥ 73 F       | . 80 F    | → 93 F     | Total |
| Dry Bulb    | 3794109 | 59299 | 63.8 3.7 | 50 930   |              |          | 16.2       | . 4          |           |            | 9.3   |
| Wet Bulb    | 3235188 | 54720 | 58.8 4.0 | 89 930   |              |          | 1.1        |              |           | 1          | 07    |
| Dew Point   | 2840253 | 51145 | 55.0 5.4 | 46 930   |              |          | 3          |              |           |            | 93    |

IRM 0.26.3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFETAC FORM

OL RAL CLIMATOLOGY BRANCH of apetac alk meather service/mac

1 2:1 LAJES AE AZ STATION NAME

| Temp.      |     |                  |              |       |       | WET  | BIII B 7 | EMPERAT          | IIDE D | EPRESSION    | (E)         |               |               |               | TOTAL     |             | 1200- |           |
|------------|-----|------------------|--------------|-------|-------|------|----------|------------------|--------|--------------|-------------|---------------|---------------|---------------|-----------|-------------|-------|-----------|
| (F)        | 0   | 1 - 2            | 3 - 4        | 5 - 6 | 7 - 8 |      |          |                  |        |              |             | 23 - 24 25 -  | 26 27 - 28 29 | 9 - 30 - 31   |           | bry Bulb    |       | <br>Dew F |
| 6/ 75      |     |                  |              |       | • 3,  |      |          |                  | · - •  |              |             |               |               |               | 4         | 4           |       | -         |
| 4/ 73      | 1   | ſ                |              | . 4   | 1.3   | . 5  | . 1      | • 1              |        |              |             | *             |               |               | 23        | 23          |       |           |
| 2/ 71      |     |                  | . 3          | 1.5   | 2.2   | . 8  | • 1      |                  |        |              |             |               | - ·           |               | 45        | 45          |       |           |
| 1 69       | i   |                  | 3.1          | 4.3   | 3.8   | . 6  |          |                  |        |              |             |               |               |               | 112.      | 112         | . 1.  |           |
| 1/ 67:     |     |                  | 4.1          | 1.7   | 3.4   | • 6  |          |                  | · -• - |              |             |               |               | •             | 92        | 92          | 20    |           |
| 6/ 65      | • 3 | 1.6              | 5.5          | 6.7   | 3.0   | . 8  |          |                  |        |              | 1           |               |               |               | 156       | 166.        | 74    | _         |
| 4/ 63      | . 2 | 3.7              | 5.5          | 10.6  | 4.7   |      |          |                  | • -    |              | • • • •     |               |               |               | 250       | 250         | 144   | -         |
| 1 (1       | . 1 | . 8              | 2.9          | 4.6   | 5.4   | - 4  |          |                  |        | 1            | 1           |               |               |               | 132       | 132         | 165   |           |
| ./ 59      |     | 1.3              | 1.1          | 3.4   | 3.1.  | • 6  |          |                  |        |              |             |               |               |               | 8.9       | 7,9         | 151   | 1         |
| 8/ 57      |     | . 4              | 1            | . 1   | . 3   | - 1  |          | j                |        | ]            |             |               |               |               | 8         | 8           | 162   | ī         |
| 5/ 55      |     |                  | • 2          | • 2   |       |      |          | 1                | •      |              |             |               |               |               | 4         | 4           | 112   | ī         |
| 4/ 53      | i   |                  | • 2          | • 3   |       |      |          |                  |        | <i>†</i>     | 1 1         |               |               |               | 5         | 5.          | 61    | _         |
| 2/ 51      |     |                  |              |       |       |      |          |                  |        |              |             |               |               | •             | •         | •           | 29    | -         |
| . / 49     |     |                  |              |       |       |      |          |                  |        |              |             |               |               |               |           |             | 8     |           |
| :/ 47      |     |                  |              |       |       |      |          |                  |        | •            |             |               | •             | •             |           |             | 3     |           |
| 5/ 45      | l   | i İ              | 1            | !     |       |      | }        |                  |        |              |             |               |               |               |           |             |       |           |
| 4/ 43      | 1   |                  | 1            |       | 1     |      |          | ,                |        |              |             |               |               |               | •         | •           | •     | •         |
| 2/ 41      | i   |                  |              |       | i<br> | i    |          |                  |        |              |             |               |               |               |           |             |       |           |
| TAL        | •6  | 7.7              | 22.9         | 34.0  | 27.5  | 6.7. | . 4      | • 1              |        |              |             |               |               |               |           | 430         | •     | 9         |
|            |     |                  |              |       |       |      |          |                  |        | •            |             |               |               |               | 930       |             | 930.  |           |
|            | i   |                  |              | 1     | į     | i    |          |                  |        |              |             |               |               |               |           |             |       |           |
|            |     |                  |              |       | -     |      |          |                  |        |              | <del></del> |               |               |               | · •       |             |       |           |
|            | 1   | l                |              |       |       | 1    |          |                  |        | ļ            |             |               | 1 1           |               |           |             |       |           |
|            |     |                  |              |       |       | i    |          |                  |        |              | <u> </u>    |               |               |               |           |             |       |           |
|            |     |                  | j            | ,     | ļ     | 1    | 1        |                  |        | i            |             |               | 1             |               |           |             |       |           |
|            |     |                  | <del>-</del> |       |       |      |          | · <del>-</del> - |        | <del> </del> | 1           |               | <del></del>   |               |           |             |       |           |
| ļ          | ĺ   |                  |              | (     | ļ     |      |          | ,                | ,      | į            | 1 1         | -             | i             |               |           |             |       |           |
|            |     | L                |              |       |       |      |          | <u> </u>         |        |              | <u> </u>    |               |               | <b></b> +     |           |             |       |           |
|            | j   |                  | i j          |       | 1     |      |          | 1                | 1      |              |             | !             | ,             |               |           |             |       |           |
|            |     |                  |              |       |       |      |          |                  |        |              | <del></del> | _ <del></del> |               | · •· · ·      |           |             |       |           |
| ĺ          |     |                  | 1            |       | '     | 1    |          |                  | 1      |              | 1           |               |               |               |           |             |       |           |
|            |     |                  |              |       |       |      |          | <b></b>          |        |              | ·           |               | ·• · · •      |               |           |             |       |           |
| j          | ļ   | , ,              |              |       | ,     |      | 1        | 1                |        |              |             |               |               |               |           |             |       |           |
| lement (X) |     | Z <sub>X</sub> , |              |       | ZX    | 1    | I        | •                | N      | o. Obs.      | ·           | <del></del>   | Mean Ne.      | of Hours with | Temperatu | ••          |       | _         |
| el. Hum.   |     |                  | 9255         |       | 6646  | 3    | 71.7     | 10.189           | 1      | 930          | : 0 F       | - 32 F        | + 67 F        | <del></del>   | • 80 F    | . 93 F      | т.    | otel      |
| ry Bulb    |     |                  | 5923         |       | 6055  |      | 5.1      | 3.705            |        | 935          |             |               | <del></del>   | 2.7           |           | •           |       |           |
| let Bulb   |     |                  | 2150         |       | 5536  |      |          | 3.932            |        | 930          |             | <del></del>   |               |               |           | •           | •     |           |
| ew Point   |     |                  | 0326         |       | 5143  | _    |          | 5.287            |        | 930          | <del></del> | <del></del>   |               |               |           | <del></del> |       |           |

USAFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

17201 LAJES AB AZ 71-8C MAY
STATION STATION NAME YEARS MONTH
PAGE 1 1500-1703

|             |       |               |              |       |     |        |  |             |               |              |                                       |               |              | PAGE                                   | 1        | 1500<br>Hours | -17ÿ  |
|-------------|-------|---------------|--------------|-------|-----|--------|--|-------------|---------------|--------------|---------------------------------------|---------------|--------------|--|----------|---------------|-------|
| Temp.       |       |               |              |       | WET | BULB 1 | EMPERA   | TURE D      | EPRESSION     | (F)          |                                       |               |              | TOTAL                                  |          | TOTAL         |       |
| (F)         | 0 1-2 | 3 - 4         | 5 - 6        | 7 - 8 |     |        |  | 5 - 16 1    | 7 - 18 19 - 2 | 20 21 - 22 2 | 3 - 24 25 - 2                         | 6 27 - 28 2   | 9 - 30 + 31  | D.B. W.B.                              | Dry Bulb | Wer Bulb      | Dew P |
| 76/ 75      | į     |               | ı i          |       | • 2 |        |  |             |               |              |                                       | 1             |              | 3                                      | 3        |               |       |
| 74/ 73      |       | <u> </u>      | . 4          |       | . 5 | • 2    |  |             |               |              |                                       | <del></del>   |              | 15                                     | 15       |               |       |
| 72/ 71      |       |               | 1.5          |       |     | i      |  |             | 1             |              |                                       |               |              | 42                                     | 42       |               |       |
| 7.7 69      |       |               | 3.2          |       |     |        |  |             |               |              |                                       |               |              | 99                                     | 99       | . 1           |       |
| 60/ 67      | 1     |               | 1.9          |       | • 5 | i      | ĺ  | į           | İ             | 1            |                                       |               |              | 5 3                                    | 63       | 17            |       |
| 66/ 65      |       |               | 7.5          |       | 6   | . 1    |  |             |               |              | · · · · · · · · · · · · · · · · · · · |               | - •          | 192                                    | 192      |               |       |
| . 4/ 63     | 2.6   |               |              | 4.5   |     |        |  |             |               | !            |                                       |               |              | 222                                    | 222      | 139           |       |
| £ 21 61     | 1.3   |               |              |       | • 2 |        |  | ,           |               | <u> </u>     |                                       | ·             |              | 143                                    | 143      | 145           |       |
| 4/ 59       | • 9   | f i           | 5.3          | - 1   | . 4 |        |  | į           |               | į l          |                                       |               |              | 111                                    | 111      | 171           |       |
| 58/ 57      | • 5   |               |              | • 3   | • 2 |        |  | i<br>       |               |              |                                       |               |              | 14                                     | 14       | 156           |       |
| 56/ 55      | • 1   | 1 1           | • 2          | • 1   |     |        |  |             | }             |              |                                       |               |              | 4                                      | 4        | 113           |       |
| 4/ 53       |       | <b></b>       | • 2          |       | Ì   |        |  |             |               |              |                                       | <del></del>   |              | 2,                                     | 2        |               | •     |
| 1 2/ 51     |       | ! !           | . 1          | 1     | İ   |        | İ  |             |               |              |                                       |               |              |  |          | 20            | -     |
| 5 / 49      | i     |               |              |       |     |        |  | !           |               |              |                                       |               |              |  |          | 8             | 5     |
| 40/ 47      | į.    |               |              | ĺ     | l   |        |  |             |               | 1            |                                       |               |              |  |          | 5             | 5     |
| 46/ 45      |       | <b>└</b> ──   |              |       |     |        |  |             | i             | <del></del>  |                                       | <del></del>   | •            | · •                                    |          |               | 3     |
| 44/ 43      |       | į į           |              | į     |     |        |  |             |               |              |                                       |               |              |  |          |               | 1     |
| 42/ 41      |       | <b></b>       |              |       |     | —      |  |             |               |              |                                       |               |              |  |          |               | 1     |
| 4.7 39      |       | 1 1           |              |       | ĺ   | [      | ĺ  | İ           |               |              |                                       |               |              |  |          | :             |       |
| CTAL        | 7.6   | 26.0          | 34.5         | 26.3  | 5.1 | . 4    |  |             |               | +            | <del></del>                           | ·             |              |  | 930      |               | 93    |
|             |       |               | . 1          | ł     | 1   |        | 1  | }           | 1             |              |                                       |               |              | 930                                    |          | 930           | 1     |
|             |       |               |              |       |     |        |  |             |               |              |                                       |               |              | <del>-</del>                           |          |               |       |
| Ì           | i i   | !             |              | -     | j   | ļ      | }  | - 1         |               |              |                                       |               |              | 1                                      |          | 1             | 1     |
|             |       | <b>├</b> ─    |              |       |     |        |  |             |               |              |                                       | <del></del> 1 |              |  |          |               |       |
| į           |       | t l           | .            | ļ     |     |        |  |             |               | 1            |                                       |               |              |  |          | 1             | 1     |
|             |       | <del>  </del> | <del>-</del> |       |     |        |  |             |               |              |                                       | +             |              | ······································ |          |               | ·     |
|             |       |               | . !          | İ     | - 1 |        |  | İ           |               |              |                                       |               |              |  |          |               | :     |
|             |       | <b>├</b> ──   | <b></b>      |       |     |        | <u> </u>   |             |               |              |                                       | <del></del>   |              | <del></del>                            |          |               | •     |
|             |       |               | . 1          | ŀ     | ļ   |        |  |             |               |              |                                       | į l           | 1            | 1                                      |          | ,             |       |
|             |       | <del>  </del> |              |       |     |        | <del>                                     </del> |             |               |              |                                       | <del></del>   | <del>-</del> | i                                      |          |               |       |
|             | 1     |               | , !          | į     | ļ   | Ì      |  |             |               |              | 1                                     |               |              | 1                                      |          | •             |       |
|             |       | <del></del>   | <del></del>  |       |     |        | <b></b>  |             |               |              |                                       | <del> </del>  |              |  |          |               |       |
|             | ( )   |               | , (          | ĺ     |     | İ      |  |             |               |              |                                       |               |              | 1                                      |          |               |       |
| Element (X) | Ž x²  | <del></del>   | <del></del>  | z x   |     | ¥      | •  | <del></del> | No. Obs.      | <del></del>  |                                       | Mean No.      | of Hours w   | ith Temperatu                          |          |               |       |
| Rel. Hum.   |       | 4398          |              | 663   | 1.0 |        | 9.62   |             | 930           | 2 0 F        | : 32 F                                | ≥ 67 F        |              | 80 F                                   | - 93 F   | . 1           | Total |
| Dry Bulb    |       | 7244          |              | 502   | 5.2 |        | 3.65   |             | 930           | +            | +                                     | 24 •          |              | <del></del>                            | +        | _ <del></del> |       |
| Wet Bulb    |       | 9001          |              | 551   |     |        | 3.93   |             | 930           | <del> </del> | +                                     | 1.            |              | <u> </u>                               | +        | <del></del>   |       |
|             |       | 2 17 A Y      |              | 2216  | 9 2 | 7 0 3  | 7023   | <u> </u>    | 730           |              |                                       | 1 1 1         | <b>0</b> 1   | 1                                      | 1        | 1             | ,     |

USAFETAC FORM 0.26.3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UL MAE CLIMATOLOGY BRANCH MITAFÉTAC AI WEATHEM SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

PAGE 1 1830-2000

| Wet Bulb<br>Dew Point |     |       | 2000<br>6523 |             | 5402<br>5077 | 7           |        | 3.909<br>5.145 |           | 930<br>930 |  | ļ            | 1           | لك         |                |           |              | - 3  |
|-----------------------|-----|-------|--------------|-------------|--------------|-------------|--------|----------------|-----------|------------|--|--------------|-------------|------------|----------------|-----------|--------------|------|
| Dry Bulb              |     |       | 6941         | <u> </u>    | 5814         |             | _      | 3.500          |           | 930        |  |              | 9,          |            | •1             |           |              | 9    |
| Rel. Hum.             |     |       | 6009         |             | 7034         | <del></del> | .6     | 9.590          | +         | 930        | : 0 F  | ± 32 F       | ≥ 67 F      |            |                |           | F T          | otal |
| Element (X)           |     | 2 x'  |              |             | ×            | T X         |        | •              | No        | Obs.       |  |              | Meon No     | ı, of Hour | s with Tempera | ture      | <u> </u>     |      |
|                       |     |       |              |             |              |             | +      |                |           |            |  |              |             | <u>;</u>   |                |           | <del>!</del> |      |
|                       |     |       |              |             |              |             | -      |                |           |            |  | _            |             | <u>:</u>   | - !            | -         | <u> </u>     |      |
|                       | -   |       |              |             |              |             | -      |                |           | -          | -  | <del> </del> | -           |            | -              | ·         |              |      |
|                       |     |       |              |             |              |             | _      |                |           |            |  |              |             |            |                |           | <u> </u>     |      |
|                       |     |       |              |             |              |             |        |                |           |            |  |              |             |            |                | 1         |              |      |
| TAL                   | • 5 | 16.3  | 33.8         | 34.7        | 13.8         | • 9         |        |                |           |            |  |              | 1           |            | 930            | 930       | 930          | 9    |
| 2/ 41                 |     |       |              |             |              |             |        | 1              |           | <u>.</u>   |  | i            |             |            | İ              |           |              |      |
| 4/ 43                 |     |       |              |             |              |             |        |                |           |            | <u> </u>   |              | ·           |            |                | ·         | ··           |      |
| 5/ 45                 |     |       |              |             |              |             |        |                |           | -          | +  |              | +           |            |                |           | . 6.         |      |
| 1 49                  |     |       |              |             |              |             |        |                |           |            |  |              | :           |            |                | ·         | 24           |      |
| 4/ 53  <br>2/ 51      | į   |       | • 4<br>• 2   | - 1         | • 1          |             | Ì      | }              | 1         |            |  |              | +           |            | -              | 6<br>2. 2 |              | 1    |
| 55/ 55                |     | • 6   | • 6          |             |              |             |        |                |           |            | -  |              | +           |            | 19             |           |              | 1    |
| 5/ 57                 |     |       |              | 1.8         |              | - • •       |        |                |           |            | <del>                                     </del> |              | •           |            | 61             |           |              | 1    |
| 1 51                  | . 4 | 3.2   |              | 9.4         |              | •           | j      | !              | :         |            |  | :            | 1           |            | 193<br>198     |           |              |      |
| 4/ 63                 |     | 7.3   | 8.9          | 8.3         | 1.5          | .4          |        | ·              |           |            |  |              | · · · · · · |            | 246            | 246       | . 95.        |      |
| :/ 67<br>5/ 65        |     | 2.7   | 2 • 2        | <del></del> | 1.5          | • 2         |        |                |           | +          |  |              | ••          |            | 120            |           | ·            |      |
| / 69                  | !   |       |              | 1.6         | • 4          |             | ļ      |                |           | :          |  |              |             |            | 21             | -         |              |      |
| 1 71                  |     |       |              | <u>• 5</u>  | .6           |             |        |                |           |            | İ  | :            | ·           | <b></b> -  | 1              |           |              |      |
| (F)<br>4/ 73          | 0   | 1 - 2 | 3 - 4        | 5 - 6       | 7 - 8        | 9 - 10   11 | - 12 1 | 3 - 14 15      | - 16 17 - | 18 19 - 20 | 21 - 22 23                                       | - 24 25 - 26 | 3 27 - 28 2 | 9 - 30     | 31 D.B. W.B    | Dry Bulb  | Wet Builb    | Dew  |
| ( P )                 |     |       |              |             |              |             |        |                | I - ·     |            | 1  |              | 7           |            | - "Da wa       |           |              |      |

SLOWAL CLIMATOLOGY BRANCH OF AFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 201 LAJES AB AZ 71-80 MAY STATION NAME YEARS PAGE 1 2100-2300

| <del></del> |             |         |              |  | we-           | D      |                | 47.15                                      | E DEBOS     | · friov      |            |                |               |   |            |                    |            | HOURS .      | . S. T.        |
|-------------|-------------|---------|--------------|--|---------------|--------|----------------|--|-------------|--------------|------------|----------------|---------------|---|------------|--------------------|------------|--------------|----------------|
| Temp.       | 0 1.        | 2 3 - 4 | 5 . A        | 7 . 8  |               |        |                |  | E DEPRE     |              |            | 24 25          | 26 27         | 20 20                                   | 30 - 31    | TOTAL<br>D.B. W.B. | Dev. Builb | TOTAL        | Dew Pa         |
| 7 / 69      |             |         |              |  | 74,0          | 1,1.12 | 13.14          |  |             | 17-20        | 21 - 22 23 | 24.23          | . 20. 27_     | . 20, 27                                |            | 3                  | 3          |              |                |
| 6-7 67      | ĺ           | .3 2.2  |              |  |               |        |                | 1  |             |              |            | į              |               |   |            | 27                 | 27         | 1            |                |
| 6.6/ 65     |             |         | 1 1.1        |  |               |        |                |  |             |              |            |                |               | •                                       |            | 86                 | 86         | 7            |                |
| 64/ 63      | .3 9        | .5 6.4  | 1.6          | i 1  |               |        |                | i  | ,           |              | :          | İ              |               |   |            | 170                | 170        | 74           | 4              |
| 62/ 61      | 1.0 6       | .0 8.6  | 3 4.4        |  |               |        |                |  |             | i            |            |                |               | • |            | 195                | 195        | 162          | 10             |
| 50/ 59      | •2 5        | .6 9.9  | 5.1          | • 9  |               |        |                |  |             |              |            |                |               |   |            | 201                | 201        | 133          | 1.1            |
| · :/ 57     | • 1 3       | .7 4.6  |              |  | - 1           |        |                | 1  |             |              |            |                | :             | ;                                       |            | 151,               | 151        | 167          | 11             |
| 56/ 55      |             |         | 2 1.4        |  |               |        |                | ļ<br>• • • • • • • • • • • • • • • • • • • | ·           |              |            |                |               | i                                       |            | 54                 | 54         | 148          | 13             |
| 54/ 53      |             | -4 1.   |              | • 2  |               |        |                |  | 1           |              |            |                | •             |   |            | 32                 | 32         | 100          | 12             |
| = 2/ 51     |             | •1 •    |              | <del>                                     </del> |               |        |                |  | -           | <u> </u>     |            | <u>:</u>       | <del></del>   |   |            | . 8                |            | 72           | 9              |
| 5 / 40      |             | • 1     | 1            |  |               |        |                |  | ł           |              |            |                |               |   |            | 1                  | 1          | 45           | 7              |
| 46/ 45      | <del></del> |         |              |  | <del></del> + |        |                |  | <del></del> |              |            | -              | +             |   |            | 2.                 | 2          |              | 6              |
| 44/ 43      | j           |         | 1            | ]  | İ             | '      |                |  | 1           |              |            |                |               |   | 1          |                    |            | 4            | 4              |
| 42/ 41      |             |         | <del> </del> |  |               |        |                |  |             |              |            |                |               |   |            |                    |            | ·            | $-\frac{2}{1}$ |
| 4.1/ 39     |             | }       | İ            |  | į             |        |                |  | 1           |              |            | !              |               | į                                       |            |                    |            |              |                |
| 2 / 37      |             |         | 1            |  |               |        |                |  | +           | <del></del>  |            |                |               | <del></del>                             |            | •                  |            | •            |                |
| 5 TAL       | 1.730       | .442.6  | 21.2         | 4.0  | . 1           |        | ' i            |  |             | 1            | 1          | :              |               |   |            |                    | 730        |              | 93             |
| - 1-1-      |             |         |              |  |               |        |                | -  | +           |              |            | !              |               | <del></del>                             | - ;        | 930                |            | 930          |                |
|             |             |         | 1            | ] [  |               |        |                |  | į į         |              |            | f              |               | '                                       |            |                    | ,          |              |                |
|             |             |         |              |  |               |        |                |  |             |              |            | 1              | •             |   |            |                    |            |              |                |
|             |             |         |              |  |               |        |                |  |             |              |            |                |               |   |            |                    |            | . <u>.</u> i |                |
|             |             |         |              |  |               |        |                |  |             |              |            |                |               |   |            | •                  |            |              |                |
|             |             |         | <del></del>  |  |               |        |                |  |             | L            |            |                |               | :_                                      | <b></b>    |                    |            |              |                |
|             |             | İ       |              |  |               |        |                |  |             | İ            |            |                | 1             |   |            |                    |            |              |                |
|             |             |         | +            |  |               |        |                |  |             |              |            |                |               |   |            |                    |            |              |                |
| }           |             | ļ       | 1            |  |               |        |                |  |             |              |            | 1              | ł             | 1                                       |            |                    |            |              |                |
|             |             |         |              | <del>                                     </del> |               |        |                |  |             |              |            |                | <del></del> - | ·                                       | +          | ··                 | •          |              |                |
| j<br>(      |             |         | l            | }  |               |        | · :            |  | }           |              |            | 1              | !             | !                                       |            |                    |            |              |                |
|             |             |         | +            |  |               |        |                |  | +           |              |            | <del>i</del> - | +             |   | _ •        |                    | · · - •    |              |                |
| 1           | ĺ           |         | 1            |  |               |        |                |  |             |              |            | 1              |               |   |            |                    |            |              |                |
|             |             | _       | <del> </del> |  |               |        | -              |  | +           | <del> </del> |            |                |               |   |            |                    |            | •            |                |
| ļ           | }           | İ       | 1            |  |               |        |                |  |             | i            |            |                |               |   |            |                    |            |              |                |
| Element (X) | Z X         | ,       |              | ZX   |               | X      | ø <sub>K</sub> |  | No. Ob      | 8.           |            |                | Me            | an No. c                                | f Hours wi | th Temperati       | ure        |              |                |
| Rel. Hum.   | 6           | 09460   | 2            | 748  | 02            | 8C.4   | 9.1            | 69   | 9           | 30           | : 0 F      | : 32           | F             | ≥ 67 F                                  | ≥ 73 F     | + 80 F             | + 93 F     | T            | otal           |
| Dry Bulb    |             | 424430  |              | 563  | 40            | 6C.6   | 3.4            | 86   |             | 3 C          |            |                |               | 3.0                                     |            |                    |            |              | 9              |
| Wet Bulb    | 3           | 35615   | 7            | 531  | 73            | 57.2   | 4.1            |  | 9           | 30           |            |                | ı             | •1                                      |            | 1                  |            |              | y              |
| Dew Point   | 2           | 782946  | 31           | 506  | 32            | 54.4   | 5.3            | 30   | 9           | 3 C          |            |                |               |   |            |                    |            |              | 9              |

USAFETAC FORM 0-26-3 OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SL RAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICEZMAC

| 17231<br>STATION | LAJES   | AP A  | Z     |         |       |                |             | <u> 71</u> | -80           |  |  |                                       |             |                |              |              | AY           |
|------------------|---------|-------|-------|---------|-------|----------------|-------------|------------|---------------|--|--|---------------------------------------|-------------|----------------|--------------|--------------|--------------|
| STATION          |         |       | 57    | ATION N | AME   |                |             |            |               |  | · · · · · · · · · · · · · · · · · · ·            | EARS                                  |             |                | _            |              |              |
|                  |         |       |       |         |       |                |             |            |               |  |  |                                       |             | PAG            | 1 2          | - A          | LL<br>\$. T. |
| Temp.            |         |       |       |         | WET   | BULB 1         | EMPERA      | TURE DEP   | RESSION       | ( <b>F</b> )                                     |  |                                       |             | TOTAL          |              | TOTAL        |              |
| (F)              | 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8   |       |                |             |            |               |  | 3 - 24 25 - 20                                   | 6 27 - 28 29                          | 9 - 30 * 31 |                | Dry Bulb     |              | Dew Poin     |
| 76/ 75           |         | ,     |       | • (1)   | •0    | • 0            |             |            |               | 1  |  |                                       |             | 7              | 7            |              |              |
| 74/ 73           | 1       |       | . 1   | . 3     | • 1   | .0             | . 0         |            | _ :           | L  |  |                                       |             | 43             | 43           |              |              |
| 73/ 71           |         | • 2   | .6    | . 6     | • 2   |                |             | ,          |               |  | }  |                                       |             | 128            | 128          |              | •            |
| 7./ 69           |         | 1.3   | 1.5   |         | • 3   |                |             |            |               | <u> </u>   |  | · · · · · · · · · · · · · · · · · · · |             | 322            |              | 9.           |              |
| 657 67           | L I     | 2.1   |       |         |       |                |             |            |               |  |  | 1                                     |             | 353            |              | _            |              |
| 16/65            | .1 1.8  |       |       |         | • 2   |                | • 0         |            |               |  | i  |                                       |             | 854            | 354          | 260          |              |
| 44/ 63           | .3 7.2  |       | _     |         | • 6   |                |             |            |               |  |  | i                                     |             |                | 1625         | 690          |              |
| 12/61            | .6 4.0  |       |       |         | - + 1 | • 0            |             |            | <del></del> - | <del></del>                                      |  | <del></del>                           |             | 1287           |              | 1192         | •            |
| 45/ 59           | .3 3.8  |       | - 1   |         | • 3   |                | i           | 1          | - 1           |  | 1  |                                       |             |                | 1420         |              |              |
| 58/ 57           | .1 3.0  |       |       |         | • 1   | <del> </del> - |             |            |               | <del> </del>                                     | <del></del>                                      | +                                     |             | 704            | 704          |              | •            |
| 56/ 55<br>54/ 53 | .1 1.7  | - 1   | _ !   | • 3     |       | ( (            | ·           | Ì          | 1             | 1 1  |  |                                       |             | 373            |              | 1129         | -            |
| 2/ 51            | .1 .7   |       | • 5   | 1       |       |                |             |            |               | <del></del>                                      |  | <del></del>                           |             | 2C3<br>78      |              | . 788<br>435 | 923<br>738   |
| 50/ 49           | 1       | • 2   | . 1   |         |       | !              |             | i          | 1             |  |  |                                       |             |                |              | 318          |              |
| 48/ 47           | •1      |       |       |         |       | -              | <del></del> |            |               |  |  |                                       |             | <u>2</u><br>14 |              |              |              |
| 45/ 45           | 0.0     |       | 1     |         |       |                |             | i          | į             |  | i  |                                       |             |                | 3            |              |              |
| 44/ 43           |         |       |       |         |       |                |             |            |               | +  | <del></del>                                      | <del></del>                           |             | →              |              |              |              |
| 42/41            | }       |       | į     |         |       |                |             |            |               |  | į  |                                       |             |                |              | ,            | 160          |
| 43/ 39           |         |       |       |         |       |                |             |            |               |  |  | ·                                     |             | *              | •            |              | 27           |
| 35/ 37           | i i     |       | [     | ĺ       |       |                |             | 1          |               |  | ;  |                                       |             | į              |              |              | 4            |
|                  | 1.722.7 | 34.1  | 26.4  | 12.8    | 2.1   | .1             | •0          |            |               |  | 1  | 1 !                                   |             | 1              | 7440         |              | 7439         |
|                  |         |       |       |         |       |                |             |            |               |  |  | 11_                                   | i           | 7439           | 1            | 7439         | 1            |
|                  |         |       |       |         |       |                |             |            |               |  |  | 7 i                                   |             |                | !            |              | 1            |
|                  |         |       |       |         |       |                |             |            | - 1           |  |  | 1                                     |             | <u>.</u>       | ·<br>•       | i<br>•       |              |
|                  |         | l I   |       |         |       |                |             |            |               |  |  | 1 1                                   | 1           |                | ı            |              | 1            |
|                  |         |       |       |         |       |                |             |            |               | 1  |  | <del></del>                           |             | <del> </del>   |              |              | <u> </u>     |
|                  | į į     | ] [   |       |         |       | ,              |             |            |               |  |  | 1                                     |             | 1              |              |              | 4            |
|                  |         |       |       |         |       |                |             |            |               | <del>                                     </del> |  | 1                                     |             | <u> </u>       | •            | *            |              |
| ı İ              |         |       |       |         |       |                |             | 1          | i             |  |  |                                       | 1           |                |              | i            | i            |
|                  |         |       |       |         |       |                |             |            |               | <del>                                     </del> |  |                                       |             | 1              | <del> </del> | ļ<br>        | ·<br>•       |
|                  |         |       |       |         |       |                |             | 1          |               |  |  |                                       | 1           | i              | t<br>+       |              |              |
|                  |         |       |       | L       |       | ļ              | <b></b>     |            |               | +  |  | +                                     |             | <del></del>    |              |              | •            |
|                  |         |       |       |         |       |                |             |            |               |  |  | 1                                     |             |                | ı            |              |              |
| Element (X)      | Σχ2     |       |       | ž x     |       | Ţ              |             | No.        | Obs.          | <del> </del>                                     |  | Meon No.                              | of Hours wi | th Tempera     | ture         |              |              |
| Rel. Hum.        | 4503    | QALI  |       | 5733    | 45    |                | 10.69       |            | 439           | : 0 F  | ± 32 F   | ≥ 67 F                                | <del></del> | - 80 F         | • 93 1       | F            | Total        |
| Dry Bulb         | 2864    |       |       | 4604    |       |                | 4.37        |            | 440           | <u> </u>   | <del>                                     </del> | 85.                                   |             | +              | 1            | -+           | 744          |
| Wet Bulb         | 2493    |       |       | 4294    |       |                | 4.33        |            | 439           |  |  | 5 .0                                  |             | 1              |              | 1            | 744          |
| Dew Point        | 2226    |       |       | 4050    |       |                | 5.38        |            | 439           |  | <u> </u>   |                                       |             | <del>†</del>   |              | <del></del>  | 744          |

USAFFTAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL GRAL CLIMATOLOGY BRANCH US AFETAC AIN MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| STATION      | LA  | JES           | AB A                | Z 51         | ATION NAME     |             |                | 71-80             |  | Y E          | AR5          |         |                |                        | "i    | , v          |
|--------------|-----|---------------|---------------------|--------------|----------------|-------------|----------------|-------------------|--|--------------|--------------|---------|----------------|------------------------|-------|--------------|
|              |     |               |                     |              |                |             |                |                   |  |              | •            |         | PAGE           | 1                      | DBBB. | -52<br>s. t. |
| Temp.        |     |               |                     |              |                |             |                | RE DEPRESSION     |  |              | ,            |         | TOTAL          |                        | TOTAL |              |
| (F)          |     |               |                     |              |                | 10 11 - 12  | 13 - 14 15 -   | 16 17 - 18 19 - 2 | 0 21 - 22 23                                     | - 24 25 - 26 | 27 - 28 29 - | 30 + 31 |                | ry B <u>ulb.</u><br>38 | •     | Dew Po       |
| 7 / 69 67 67 | į   |               |                     | .3<br>1.3    |                | 1           |                |                   | 1  | 1            |              |         | 38<br>37       | 37                     |       |              |
| 66/ 65       |     |               |                     | 1.2          |                |             |                | <del></del>       | +  |              |              |         | 159            | 159                    |       | . 1          |
| 4/ 63        |     |               |                     | 4.1          | . 4            |             | i              |                   | i !  | 1            |              |         | 314            | 314                    | 151   | 12           |
| 62/ 61       |     |               |                     | 2.0          |                | <del></del> |                |                   | <del></del>                                      | ***          | •            | • •     | 141            | 141                    | 257   |              |
| ./ 59        |     |               |                     | 2.0          |                | 1           | }              | i                 |  |              |              |         | 119            | 119                    | 142   |              |
| 5 1/ 57      | . 4 | 1.7           | 1.7                 | . 9          | • 6            |             |                |                   | T  |              | ••• •• •     | •       | 47             | 47                     |       |              |
| 56/ 55       | 1   | 2.0           |                     | i            |                |             |                |                   |  |              |              |         | 25             | 25                     | 74    | 6            |
| £4/ 53       |     | . 7           |                     |              |                |             |                |                   |  |              | ,            |         | 9              | 9                      | 49    | ť            |
| 2/ 51        | • 2 | . 4           | . 4                 |              |                |             |                |                   |  |              |              |         | 10             | 10                     | 28    | . 5          |
| / 49         |     |               |                     |              |                |             |                |                   |  |              | ,            |         |                |                        | 10    | ã            |
| 4 -/ 47      |     |               | - 1                 | L            |                |             |                |                   | <u> </u>   |              | <u> </u>     |         | 1              | 1.                     | 4     | _ 4          |
| 46/ 45       | į   | ļ             |                     |              |                |             |                | 1 1               |  |              |              |         |                |                        | 1     | 1            |
| 44/ 43       |     |               |                     |              |                |             |                |                   | 1  |              |              |         |                |                        |       | _            |
| 42/ 41       |     |               |                     |              | !              |             | ĺ              |                   | 1  |              |              |         |                |                        |       | _            |
| TAL          | 5.0 | 40.4          | 38.9                | 12.0         | 2.7            |             |                | <del></del>       | <del> </del>                                     |              |              |         |                | , 95 <b>0</b> ,        | 90a   | 9 (          |
|              | İ   |               | 1                   | i ·          |                |             |                |                   | :<br>  |              |              |         | 900            |                        | 900   |              |
|              |     |               |                     |              |                |             |                |                   | +  |              |              |         |                |                        |       |              |
|              |     |               | Î                   |              |                |             |                | 1 1               |  |              |              |         |                |                        |       |              |
|              |     |               |                     |              |                |             |                |                   | <del></del>                                      |              | •            | • • -   | •              | - •                    | ÷     |              |
|              |     | į             |                     | 1            |                | 1 1         | }              | 1                 |  |              |              |         |                |                        |       |              |
|              |     |               |                     |              |                |             |                |                   | <del></del>                                      | (            | <del></del>  | •       | -• · ·         | •                      |       |              |
| 1            |     |               |                     | ł            |                | 1           |                |                   | 1 1  | 1            | ,            |         |                |                        |       | •            |
|              |     |               |                     |              |                |             |                |                   |  | !            | •            |         |                | · - · - •              | *     | -            |
|              | }   | 1             |                     |              |                | ] }         |                |                   |  | į.           |              |         |                |                        |       |              |
|              |     |               |                     |              |                |             |                |                   |  | :            |              |         |                |                        |       |              |
|              |     |               |                     |              |                | _ ] }       |                |                   | _11_   | 1            |              |         | <u> </u>       |                        | _     |              |
|              |     |               |                     | j            |                |             |                |                   |  | 1            |              | -       | i              |                        | •     |              |
|              |     |               |                     |              |                |             |                |                   | 1  | <u> </u>     | 1            |         | i              | ·•                     |       |              |
| j            |     | į             |                     | j            |                | ĺ           |                |                   |  |              |              |         |                |                        |       |              |
|              |     |               |                     | <u> </u>     |                |             |                |                   | 1  |              |              |         | -+             | •                      |       |              |
|              |     |               |                     |              |                |             | -              |                   |  | -            |              |         |                |                        |       |              |
| Element (X)  |     | Σχ'           |                     |              | 2 x            |             |                | No. Obs.          | <del>,                                    </del> |              | Man No :     | ( Ha    | th Temperatu   |                        |       |              |
| Rel. Hum.    |     | <del></del> - | 7007                | <del> </del> |                | <del></del> | 9,             |                   | : 0 F  | 1 32 F       |              |         | * 80 F         |                        |       | 0101         |
| Dry Bulb     |     |               | <u> 3097</u>        | <del></del>  | 75661          |             | 8.766<br>3.544 | 900               | =  | 1 32 F       |              |         |                | - V3 P                 | '     |              |
| Wet Bulb     |     |               | <u>2252</u><br>0262 | <del> </del> | 56532<br>53976 |             | 3.823          | 900<br>900        | <del> </del>                                     | <del> </del> | 7.5          |         | <del>.</del> — | l- —                   |       |              |
| Dew Point    |     |               | <u>uzbz</u><br>4944 | <del> </del> | 52096          |             | 4.645          | 900               | <del> </del>                                     | <del> </del> | 1 94         |         | *              | <del></del>            |       | ?            |
|              |     | _242          | 7777                |              | 3673           | 1 2/07      | 46043          | 700               |  |              |              |         |                |                        |       |              |

A ARF OBSOLETE

SAFETAC FORM 0.26-3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OL MAL CLIMATCLOGY BRANCH CONFETAC AIN WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

1 2 1 LAJES AB AZ STATION NAME 71-80 \_\_\_\_\_JU'y <u>0300-0500</u> PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 7 / 69 1.3 2.0 34 1 . 4. 34 .3 2.1 1.0 5 3/ 67 31 16 .4 5.9 5.1 1.9 121 52 14/ 63 3.818.0 9.0 3.6 311, 142, 127 311 . 4 113 2.1 5.9 7.8 2.0 225 12/ 61 164 164 1 59 1<u>53.</u> 125 5.0 5.4 2.3 122 122 • 61 5 3/ 57 .4 3.2 1.1 1.2 58 58 5 5/ 55 2.1 1.2 31 82 31 113 54/ 53 .8, .3 10 10 45 59 £ 21 51 9 34 45 • 6 c./ 49 . 4 15 36 43/ 47 45/ 45 14 44/ 43 42/ 41 7.043.834.812.6 1.8 900 Element (X) No. Obs. Mean No. of Hours with Temperature 84.6 8.923 62.3 3.778 € 67 F = 73 F = 80 F Rel. Hum. 6518951 76175 900 4 0 F Dry Bulb 900 56080 3507238 Wer Bulb 3211732 53642 59.6 4.023 900 Dew Point 51813 3003601 57.6 4.802

USAFETAC FORM 0-26-3 OL A; PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

St. HAL CLIMATOLOGY PRANCH OF AFETAC

AI - HEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

0683-8880

|              |                  |                       |                        |                   |                |                   |                  | PAGE          | 1            | H3.85      |       |
|--------------|------------------|-----------------------|------------------------|-------------------|----------------|-------------------|------------------|---------------|--------------|------------|-------|
| Temp.        |                  | WET B                 | ULB TEMPERATUR         | E DEPRESSION (    | F)             |                   |                  | TOTAL         |              | TOTAL      |       |
| ( <b>F</b> ) | 0 1 - 2 3 - 4    | 5 - 6 7 - 8 9 - 10 11 | 1 - 12 13 - 14 15 - 16 | 6 17 - 18 19 - 20 | 21 - 22 23 - 2 | 4 25 - 26 27 - 28 | 29 - 30 - 31     | D.B. W.B. (   | ry Bulb      | Wet Buib D | ew F  |
| / 71         | . 4              | . 2                   |                        |                   |                | ,                 | •                | 6             | 6            | •          |       |
| 7./ 69       | 1.1 3.2          | 1.4 .2                | i i                    |                   |                | 1                 |                  | 54            | 54           | 4          |       |
| t 3/ 67      | .1 .3 4.2        | 1.9 .6 .1             |                        |                   |                |                   |                  | 65            | ს 5          | 15         |       |
| ' u/ 65      | .8 8.9 7.6       | 4.1 .3                |                        |                   |                |                   |                  | 195           | 195          | 84         |       |
| : 4/ 63      | 4.114.4 8.3      | 4 . 6 1 . 4 . 3       |                        |                   |                |                   | • • -            | 299           | 299          | 198        | 10    |
| - 2/ 61 [    | 1.3 4.6 6.4      | 3.0 .9                | 1 1                    |                   |                |                   |                  | 146           | 146          | 243        | 1.    |
| 69/ 59       | .2 3.1 2.9       | 2.6 .3 .1             |                        |                   |                |                   | • •              | 83            | 83           | 116        | 2     |
| 58/ 57       | 1.2 1.0          | .3 .3                 |                        |                   |                |                   |                  | 26            | 26           | 124        | 1     |
| 50/ 55       | .1 1.0 .4        |                       |                        |                   |                |                   | •                | 15            | 15           | 61         | 1     |
| 14/ 53       | .4 .1            |                       |                        |                   | 1              |                   |                  | 5             | S            | 38         |       |
| 2/ 51        | •1  •1           |                       |                        |                   |                |                   | •                | 2             | 2            | 13         | :     |
| 57 49        | • 3              |                       |                        |                   | !              |                   |                  | 3             | 3            | 8          |       |
| 4 -/ 47      |                  |                       |                        |                   | ,              |                   | •                |               |              | 3          |       |
| 46/ 45       | . 1              |                       |                        |                   |                |                   |                  | 1             | 1            |            |       |
| 14/ 43       |                  | ; ;                   |                        | 1                 |                |                   | • • • • •        |               |              | 1          |       |
| 42/ 41       |                  |                       |                        |                   | ı              |                   |                  |               |              |            |       |
| OTAL         | 6.735.734.8      | 19.0 4.3 .6           |                        |                   | , <del> </del> |                   | •                |               | 900          | . – •      | 9     |
| į            |                  |                       |                        |                   | l .            |                   |                  | 900           |              | 900        |       |
| i            |                  |                       |                        |                   |                |                   |                  |               |              |            |       |
| ;            |                  |                       | j }                    |                   | 5              |                   |                  |               |              |            |       |
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| Į.           |                  |                       |                        |                   |                | 1                 |                  |               |              |            |       |
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|              |                  |                       |                        |                   |                |                   | 1                | • •           |              | •          |       |
| j            |                  |                       |                        |                   |                |                   |                  |               |              |            |       |
|              |                  |                       | !                      | 1                 |                |                   |                  |               |              |            |       |
| 1            |                  |                       |                        | 1                 |                | İ                 | ;                |               |              |            |       |
|              |                  |                       | 1                      |                   |                |                   | •                |               |              |            |       |
| 1            |                  |                       |                        | i l               | 1              | İ                 |                  |               |              |            |       |
|              |                  |                       |                        |                   | ·              | <del></del>       | • •              |               |              |            |       |
|              |                  |                       |                        | 1                 | i              |                   |                  |               |              |            |       |
| Element (X)  | Z <sub>X</sub> , | Z <sub>X</sub> 5      | Z Fa                   | No. Obs.          |                | Mean              | No. of Hours wit | h Temperatu   | re           |            |       |
| Rel. Hum.    | 6261548          | 74560 8               | 2.8 9.705              | 900               | 10F            | 132 F 167         | F = 73 F         | - 80 F        | . 93 F       | To         | ota l |
| Dry Bulb     | 3663369          |                       | 3.7 3.385              | 900               |                | <del></del>       | •5               | •             | 1            |            |       |
| Wer Bulb     | 3316379          |                       | 3.6 3.690              | 900               | <del></del>    |                   | .9               | <del>-+</del> | †            |            |       |
| Dew Point    | 3076857          |                       | 8.3 4.658              | 900               |                |                   | <u>• 7  </u>     | <b>-</b>      | <del> </del> |            |       |

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL FAL CLIMATOLOGY PŘÁNCH WINFETAC AI: "EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17 201 LAJES AB AZ STATION NAME

| .3<br>.1 .9<br>1.0<br>.8 5.4<br>1.1 6.3    | 2.7<br>7.0<br>7.3<br>6.0                         | .1,<br>2.9, 2<br>3.2, 3<br>6.2, 5<br>3.6, 2<br>5.3, 1    | 8 9-1<br>•1<br>•4<br>•0<br>•0<br>•8 1<br>•3 1 | 0 11 - 12<br>• 1<br>1<br>3 • 1<br>6   | 13 - 14 15 - 1   | RE DEPRESSION<br>6 17 - 18 19 - 2  |  | - 24 25 - 26   | 27 - 28 29 -                  | 30] + 31   | 2<br>6<br>48   |                               | TOTAL<br>Net Build D                      | Dew P   |
|--|--|--|---|---|--|--|--|--|-------------------------------|--|--|-------------------------------|---|---|
| .1 .9<br>1.0<br>.8 5.4<br>1.1 6.3<br>.3 .6 | 7.3<br>6.3<br>4.4                                | .1,<br>2.9, 2<br>3.2, 3<br>6.2, 5<br>3.6, 2<br>5.3, 1    | .U<br>.U<br>.O<br>.9 1.                       | 3 •1<br>6 •1  |  |  | ···  |  | · · · ·                       |  |  |                               |   |   |
| .1 .9<br>1.0<br>.8 5.4<br>1.1 6.3<br>.3 .6 | 7.3<br>6.3<br>4.4                                | 2 • 9; 2<br>3 • 2; 3<br>6 • 2; 5<br>3 • 6; 2<br>5 • 8; 1 | .0;<br>.0;<br>.9; 1.                          | 3 • 1<br>6 • 1  |  |  | · · -  |  |                               |  |  |                               |   |   |
| .1 .9<br>1.0<br>.8 5.4<br>1.1 6.3<br>.3 .6 | 7.3<br>6.3<br>4.4                                | 2 • 9; 2<br>3 • 2; 3<br>6 • 2; 5<br>3 • 6; 2<br>5 • 8; 1 | .0;<br>.0;<br>.9; 1.                          | 6 0 .1  |  |  |  |  |                               |  |  | 4.6                           |   |   |
| .1 .9<br>1.0<br>.8 5.4<br>1.1 6.3<br>.3 .6 | 7.J<br>7.3<br>6.J<br>4.4                         | 6.2 5<br>3.6 2<br>5.3 1                                  | •9 1 •<br>•3 1 •                              | 0 .1  |  |  |  |  |                               |  |  |                               |   |   |
| 1.0<br>.8 5.4<br>1.1 6.3<br>.3 .6          | 7.3<br>6.3<br>4.4                                | 3.6 2<br>5.8 1   | . 3 1 .                                       |   |  |  | • •  |  |                               |  | . ୁଞ୍ଚ   | 3.8                           | 3.  |   |
| .8 5.4<br>1.1 6.3<br>.3 .6                 | 6.J.   | 5.3 1  |   | 2   |  | 1  | 1  |  |                               |  | 190  | 193                           | ø   |   |
| 1.1 6.3                                    | 4.4  | 1  | -4 -  |   |  |  | ·  |  |                               |  | 139  | 139.                          | 74.                                       |   |
| • 3 • 6                                    |  | E (1) 7  | l l   | 4 .1  |  | 1  |  |  |                               |  | 180  | 180                           | 171                                       |   |
|  | 1.1  |  |   | 7   |  |  | <del>,</del>                                     |  |                               |  |  | 185                           |   | 1   |
| 7  |  | - /  | i i   | 1   | ·  | j  | '  |  |                               |  | 47   | 47                            | 186                                       | 1   |
|  |  | . 3  | • 2   | 4   |  |  | <del> !</del>                                    |  |                               |  | 12.  |                               | 104.                                      | _   |
| • 2  | • 1  | (  | l   | 1   |  | 1  |  |  |                               |  | 3  | 3                             | _   | 1   |
| <del></del>                                | <del></del>                                      |  | <del></del>                                   | +   |  | <del></del>  | <del>                                     </del> |  |                               |  |  |                               | •   | -   |
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| 2 715 4                                    | ha ah  |  | 7 11  |   |  | 1  | 1  |  |                               |  |  | 0.10                          |   |   |
| 2034304                                    | 200020   | 3 6 7 6 7  | • //  | *   | <del></del>  | +  | <del></del>                                      |  |                               | - • - • • •  | 0.00   | <u> 700</u> ,                 | 900                                       | 9   |
|  |  |  | 1   |   | i  |  | i 1  |  |                               |  | 700  |                               | 7   |   |
|  | +  |  | _ †   | ++  |  | <del></del>  | <del> </del>                                     | <del></del>  |                               |  | • ·· · · · · ·   |                               |   | -   |
|  |  |  |   | - [ ]   | f  |  |  | į  | i                             |  |  |                               |   |   |
|  | <del>  -  </del> -                               |  |   | +-+   |  | +  | 1  |  | ·                             |  |  |                               |   |   |
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|  |  |  | i   |   |  |  |  | <del></del> -  | . !                           |  | • •  | - •                           | •   |   |
|  |  |  | {   |   |  |  |  | 1  | i                             |  |  |                               |   |   |
|  |  |  |   |   |  |  |  |  | 1                             |  | · ·  | -·- · •                       | - •                                       |   |
|  | j J  |  |   |   |  | l i  |  |  |                               |  |  |                               |   |   |
|  |  |  |   |   |  |  |  |  |                               |  | *  |                               | - •                                       |   |
| 2-2  | <del></del>                                      | Ž -  |   |   | T  | No Che   | <del> </del>                                     |  | Mago No -                     | ( Hours  | Tamasasas  |                               |   |   |
|  | 7774   |  | 9220  |   |  |  | 4 N E  | 4 32 F   | ·———                          |  | ·  |                               | <del></del>                               | otal  |
|  |  |  |   |   |  |  |  | = 34 F   |                               |  | · · · · · · · · · · · · · · · · · · ·  | 173 -                         |   |   |
|  |  |  |   |   |  |  | <del></del>                                      | <del> </del> -   |                               | 7.5  | <del></del>  | ļ                             |   |   |
|  |  |  |   |   |  |  | <del> </del>                                     | <del> </del>   |                               |  | <del></del>  | <del> </del>                  |   |   |
|  | 2.315.4<br>2.315.4<br>2x'<br>527<br>407<br>351   | 2.315.428.92   | 2.315.428.328.919  2.315.428.328.919  2x'     | 2.315.428.328.919.7 4.  2.315.428.328.919.7 4.  2x' 2x  5277336 68228  4073297 60478  3518670 56196 | 2.315.428.328.919.7 4.4 .4  2.315.428.328.919.7 4.4 .4  52x1 | 2.315.428.328.919.7 4.4 .4  2.315.428.328.919.7 4.4 .4  5277336 68228 75.810.810 4073299 60478 67.2 3.217 3518670 56196 62.4 3.300 | 2.315.428.328.919.7 4.4 .4 .4 .4                 | Z <sub>X</sub> , Z <sub>X</sub> X Z <sub>X</sub> No. Obs.  5277336 68228 75.810.810 900 10 F  4073299 60478 67.2 3.217 900  3518670 56196 62.4 3.300 900 | 2.315.429.328.919.7 4.4 .4 .4 | 2.315.428.328.919.7 4.4 .4  2.315.428.328.2 4.4  2.315.428.2 4.4  2.315.428.2 4.4  2.315.428.2 4.4  2.315.428.2 4. | 2.315.429.328.919.7 4.4 .4  2.315.429.328.919.7 4.4 .4  2.315.429.328.919.7 4.4 .4  2.315.429.328.919.7 4.4 .4  2.315.429.328.919.7 4.4 .4  2.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4 .4  3.315.429.328.919.7 4.4  3.315.429.7 4.4  3.31 | 2.315.428.328.919.7 4.4 .4 .4 | 2.315.428.328.919.7 4.4 .4 .900 900  2xy' | 2.315.428.328.919.7 4.4 .4 .9 .90 .90 Mean No. of Hours with Temperature 5.277336 68228 75.810.810 900 Mean No. of Hours with Temperature 4.073297 60478 67.2 3.217 900 132 F .67 F .73 F .60 F .93 F .7 4.073297 60478 67.2 3.217 900 47.3 5.6 35.18670 56196 62.4 3.3300 900 47.3 5.6 |

UL MAL CLIMATOLOGY PRANCH UCAFETAC Alm Weather Service/Mac

| 7271        | LAJES AB AZ  | STATION NAME |                  | 71-80              |  | EARS                                   |                  |                                       |
|-------------|--------------|--------------|------------------|--------------------|--|--|------------------|---------------------------------------|
| STATION     |              | STATION NAME |                  |                    | ·  | LANS                                   | PAGE 1           |                                       |
| Temp.       |              | WE           | T BULB TEMPERATU | RE DEPRESSION      | (F)  |  | TOTAL            | TOTAL                                 |
| (F)         | 0 1-2 3-4 5  |              | <del></del>      | 16 17 - 18 19 - 20 | 21 - 22 23 - 24 25 - 26                          | 27 - 28 29 - 30 - 3                    |                  |                                       |
| 7 / 77      |              | • 4          |                  | . !                |  |  | 13               | 13                                    |
| 74/ 73      | •3 •1 3      | 4 1.6        |                  |                    | <del></del>                                      | ·                                      | 25<br>64         | 25                                    |
| 72/ 71      | .6 2.8 6     | 3.4 2.3      |                  |                    |  |  | = '              | 64<br>175 7                           |
| 7./ 69      |              | .7 6.C 1.    |                  |                    | <del></del>                                      | • = - • • • •                          |                  | 175. 7.<br>220 26                     |
| 6:/ 67      | 1 1 1        | 0 3.2 1.     | 1 .              | †                  |  |  |                  | 128, 110, .                           |
| 16/ 65      | 3.1 3.7 5    |              |                  | <del></del>        | ·  | ··· · ·                                |                  | 139 188                               |
| ~4/ 63      | .3 3.6 1.6 4 | 1.2 1.9      |                  |                    |  | •                                      | 107              | 137 246 1                             |
| F 2/ 61     | •1 •4 •7     | .6 .3 .      | <del></del>      |                    |  |  | 20               | 20 134 1                              |
| . 1/ 39     | .6 .2        | . 1          |                  |                    |  |  | 8                | 8_ 168_ 1                             |
| 53/ 57 p    | • 1          |              |                  |                    | 1  | •                                      | 1                | 1 62                                  |
| 5 o/ 55     |              |              |                  |                    | <del> </del>                                     | <del></del>                            |                  | ? <u>.</u>                            |
| 4/ 53       |              | 1            | 1 1              | 1                  | : 1  |  |                  | 3                                     |
| 5/ 49       |              |              | ···              | <del></del>        | ·  | ······································ |                  | . 1.                                  |
| 4 3/ 47     |              |              | 1 1              |                    | 1  |  |                  |                                       |
| 41/45       |              |              | +                | <del></del>        | <del></del>                                      |  |                  | · · · · ·                             |
| 44/ 43      |              |              |                  |                    | 1  |  |                  |                                       |
| 42/ 41      |              |              |                  |                    |  |  | _ · · · · · ·    | · · · · · · · · · · · · · · · · · · · |
| TAL         | .610.123.431 | 1.227.0 6.   | 2 1.3 .1         |                    |  | ····                                   |                  | 900 <u>9</u>                          |
| !           |              | 1            |                  |                    | ļ :  |  | 900              | 900                                   |
|             |              |              |                  |                    | <del>                                     </del> | ······································ |                  |                                       |
| İ           |              |              |                  | 1 1                | i i  |  |                  |                                       |
|             |              |              | +                | <del></del>        | <del>                                     </del> |  |                  | • • •                                 |
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|             |              |              |                  |                    | 1  | <del></del>                            |                  |                                       |
|             |              |              |                  | i                  |  | j                                      |                  |                                       |
| <del></del> |              |              |                  |                    |  | + +                                    |                  |                                       |
| <u> </u>    |              |              |                  |                    |  | ii                                     |                  |                                       |
|             |              |              |                  |                    |  |  |                  |                                       |
|             |              |              |                  |                    |  |  |                  | <b>.</b>                              |
|             |              |              |                  | i                  |  |  |                  |                                       |
| Element (X) | Σχ'          | ZX           | ¥ • ,            | No. Obs.           | <del>                                     </del> | Mean No. of Hours                      | with Temperature | <del></del>                           |
| Rel. Hum.   | 4900121      | 65777        | 73.110.158       | 900                | ± 0 F = 32 F                                     | ≥ 67 F = 73 F                          |                  | • 93 F Total                          |
| Dry Bulb    | 4250765      | 61781        | 68.6 3.331       | 900                |  | 62.5 10                                | <del></del>      | <del></del>                           |
| Wer Bulb    | 3602130      | 56864        | 63.2 3.223       | 900                |  | 13.7                                   |                  |                                       |
| Dew Point   | 3205694      | 53568        | 59.5 4.390       | 900                |  | 2.0                                    |                  |                                       |

USAFETAC FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SE / AL CLIMATOLOGY RRANCH LTAFETAC Al- AEATHER SERVICE/MAC

|             | CAUES AR AZ        | STATION MANE    |                       | <del></del> | 71-85        |  |                 | EARS        |           |  |  | بال         | N     |
|-------------|--------------------|-----------------|-----------------------|-------------|--------------|--|-----------------|-------------|-----------|--|--|-------------|-------|
|             |                    |                 |                       |             |              |  |                 | ••          |           | PAGE   |  | 1500-       |       |
| Temp.       |                    |                 | TRULE                 | FMPFRATUS   | E DEPRESSION | (F)  |                 |             |           | TOTAL  |  | TOTAL       |       |
| (F)         | 0 1 2 3 4 5        |                 |                       |             |              |  | - 24 25 - 26    | 27 - 28 29  | . 30 + 31 |  | Dry Bulb                               |             | Dew F |
| 7 / 77      |                    |                 | 9: • 3                |             |              |  |                 |             |           | 13   | 13                                     |             |       |
| 76/ 75      | • 1                |                 | 6 . 3                 |             |              | 1  | 1               |             |           | 18   | 18                                     |             |       |
| 74/ 73      | . 4                | 3.2 2.8 1.      |                       |             |              |  | 1               | <b>-</b>    |           | 73   | 73                                     |             |       |
| 7 2/ 71     | 2.9                | 6.4 6.4         | 7                     |             | i            |  |                 |             |           | 148  | 148                                    | 5.          |       |
| 75/ 69      | .2: 1.0,13.2       | 7 • 1: 5 • 2: • | 9 . 2                 |             | İ            |  |                 |             |           | 224  | 224                                    | 11          |       |
| 6-7 67      | .1 .2 4.8          |                 | 9 .2                  | <u> </u>    |              |  |                 |             |           | . 114  | 114                                    | 104         |       |
| 167 65      | 4.6 3.7            |                 | 3                     | 1           |              |  |                 |             |           | 140  | 140                                    | 208         | - (   |
| 14/ 63      | .9 3.9 2.6         |                 | 9                     |             | <u> </u>     |  |                 |             |           | 135  | 135                                    | 228.        | _19   |
| - 27 61     | .2 1.3 .9          |                 | <b>1</b> <sub>1</sub> | i           |              |  |                 |             |           | 29   | _                                      | -           | 1 9   |
| 1 59        | • 3                | •1. •2          |                       |             |              |  |                 |             |           | . 6  | 6                                      | <u>101</u>  |       |
| = 1/57      | i i                | 1               | 1 1                   |             | 1            |  |                 |             |           |  |  | 69          | 1 1   |
| 5 / 55      |                    | <del></del>     | <del>_</del>          |             | <del>-</del> |  |                 | <del></del> |           |  |  | 19.         |       |
| 4/ 53       |                    |                 | 1                     | İ           |              | 1 ;  |                 |             |           |  |  | 7           | :     |
| 52/ 51      |                    |                 |                       |             |              |  |                 |             |           |  | · · · •                                |             |       |
| 5 1/ 49     |                    | i i             |                       | 1           | İ            | 1  |                 |             |           |  |  |             |       |
| 4 1/ 47     |                    | <del></del>     |                       |             | <del></del>  | <del> </del>                                     |                 | <del></del> |           | •  |  |             | 1     |
| 4:/ 45      |                    | i               |                       |             | 1            |  |                 |             |           |  |  |             |       |
| 14/ 43 TAL  | 1.410.925.429      | 2 12 2 2        |                       |             | <del></del>  | <del> </del>                                     | <del></del>     |             |           | •  |  |             |       |
| . 146       | 1.410.4K2.4K       | 7.4K4.8 D.      | 3 1 • 7               |             |              | !  |                 |             |           | 000  | 900                                    | 900         | 90    |
|             | <del></del>        |                 | +                     |             | + -          | <del></del>                                      | —- <del>-</del> | <del></del> |           | YUU.   |  | <u> 900</u> |       |
|             |                    |                 |                       | 1           | j            |  | į               |             |           |  |  |             |       |
|             |                    |                 | +                     |             |              | <del>                                     </del> |                 |             |           | •  | ······································ |             |       |
| 1           | 1 1 1              |                 |                       |             |              |  | į               |             |           |  |  |             |       |
|             |                    |                 |                       |             | 1            | <del>                                     </del> |                 | •           |           | •  |  |             |       |
| 1           |                    | 1               |                       |             |              |  |                 | 1           |           |  |  |             |       |
|             |                    |                 |                       |             |              | 1  |                 |             |           |  |  |             |       |
| İ           |                    |                 |                       | 1           |              |  |                 |             |           |  |  | 1           |       |
|             |                    |                 |                       |             |              |  |                 |             |           | •  | •                                      |             |       |
|             |                    |                 |                       |             |              | $\perp$  |                 |             |           | <u>.                                    </u> |  |             |       |
|             |                    | 1               |                       |             |              |  |                 |             |           |  |  |             |       |
|             |                    |                 |                       |             |              |  |                 |             |           |  |  |             |       |
|             |                    |                 |                       |             |              |  |                 |             |           |  | -                                      |             |       |
| Element (X) | Zx                 | z x             | <u> </u>              | <b>78</b>   | No. Obs.     | <del> </del>                                     |                 | Hone No     | of Mouse  | th Temperatu                                 |  |             |       |
| Rei. Hum.   |                    |                 |                       |             |              | 10F  | : 32 F          | ≥ 67 F      |           | * 80 F                                       | • 93 F                                 | •           | otal  |
| Dry Bulb    | 4988061<br>4218699 | 66347           |                       | 3.389       | 900<br>900   |  | = 32 F          | •           | 10.4      | · •  | 7 73 6                                 |             |       |
| Wet Bulb    | 3588415            | 56755           |                       | 3.230       | 900          |  |                 |             |           | <del>'+</del>                                | <del> </del>                           | <del></del> |       |
| Dew Point   | 3202742            | 53544           |                       | 4.378       | 900          |  | <del> </del>    | 12.0        | ·         | <del></del>                                  | <del> </del>                           | <del></del> |       |

USAFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLESAL CLIMATOLOGY BRANCH
US AFETAC
ALF WEATHER SERVICE/MAC

1/201 LAUES AR AZ
STATION NAME

| STATION    |                  |       |       | 51     | TATION N  | AME            |              |         |         |  |                   |           | ٧           | EARS         |                |                                       |          | 4434       | - 44     |
|------------|------------------|-------|-------|--------|-----------|----------------|--------------|---------|---------|--|-------------------|-----------|-------------|--------------|----------------|---------------------------------------|----------|------------|----------|
|            |                  |       |       |        |           |                |              |         |         |  |                   |           |             |              |                | PAGE                                  | 1        | 167C-      |          |
| Temp.      |                  |       |       |        |           |                |              |         |         | E DEPRESS  |                   |           |             |              |                | TOTAL                                 |          | TOTAL      |          |
| (F)        | 0 1              | - 2   | 3 - 4 | 5 - 6  | 7 - 8     | 9 - 10         | 11 - 12      | 13 - 14 | 15 - 16 | 17 - 18 19                                       | - 20 21           | - 22 23 - | 24 25 - 2   | 6 27 - 28 2  | 9 - 30 - 31    | D.B. W.B.                             | bry Bulb | Wet Buib I | Dew P    |
| 75/ 75     |                  | !     |       |        | • 3       | . 4            |              |         |         |  | 1                 |           |             |              |                | 7                                     | 7        | •          | _        |
| 74/ 73     | 1                | ;     |       | • 6    | 1.1       | . 1            | .! ;         |         |         | ; I  | ļ                 |           | 1           |              |                | 16                                    | 16       |            |          |
| 72/ 71     | i                |       | 2.6   | 2.2    | 2.8       | . 1            |              |         |         | .  |                   | ļ         |             |              |                | 69                                    | 69       |            |          |
| 76/ 69     |                  | 1.2   | 7.8   | 5.9    | 2.1       | . 4            |              |         |         | 1  | i                 |           |             |              |                | 157                                   | 157      | 5          |          |
| 1 67       | • 4 <sub>i</sub> | . 4   | 8.7   | 4.4    | 2.7       | . 4            |              |         |         |  |                   |           |             | •            |                | 154                                   | 154      | ٠ 5        |          |
| 6/ 65      | • 2              | 5 . 8 | 7.9   | 5.3    | 1.4       | - 1            |              |         |         |  |                   |           |             |              |                | 187                                   | 187      | 165        |          |
| 4/ 63      | 1.3              |       |       |        |           |                |              |         |         |  |                   |           |             |              |                | 217                                   | 217      | 239        | 1        |
| - 2/ 61    | - 1              | . 7   | 2.8   | 3.2    | 1.2       |                |              |         |         |  |                   |           |             |              |                | 72                                    | 72       | 180        | 1        |
| ./ 59      |                  | • 1   | • 3   | 1.2    | • 6       |                |              |         |         |  |                   |           | •           |              |                | 20                                    | 20       | 119        | 5        |
| . / 57     | i                |       |       | • 1    |           |                | ! !          |         |         |  |                   |           |             |              |                | 1.                                    | 1        | E P        | 1        |
| 55/ 55     |                  |       |       |        |           |                |              |         |         |  |                   |           |             |              |                |                                       |          | 40         |          |
| 4/ 53      |                  |       |       |        |           | l<br>L         | <u> </u>     |         |         |  |                   |           |             | 1            |                |                                       |          | 15         |          |
| 7/ 51      |                  |       |       |        | l         |                |              |         | -       |  |                   |           |             |              |                |                                       |          | 2          |          |
| J/ 49      |                  | !     |       |        | !         | <br>           |              |         |         |  |                   |           |             |              |                | · -·· •                               |          |            |          |
| 41/ 47     |                  |       |       |        |           |                | į            |         |         | T  |                   |           |             |              |                |                                       |          |            |          |
| 16/ 45     |                  |       |       |        | <u> </u>  | İ              |              |         |         |  | !_                |           |             |              |                |                                       |          |            |          |
| 4/ 43      |                  |       |       |        |           |                |              |         |         |  | i                 | i         |             |              |                |                                       |          |            |          |
| TAL        | 2.11             | 5.1   | 36.7  | 30.2   | 14.1      | 1.8            | 3            |         |         |  |                   |           |             |              |                | •                                     | 370      |            | 9        |
| i          | ,                | ì     |       | i      | ĺ         |                | 1            |         |         | i i  | i                 | 1         |             |              |                | 900                                   |          | 9 D CI     |          |
|            |                  |       |       |        | !<br>•——— | <u> </u>       | -            |         |         | <b>↓</b>   |                   |           | <u> </u>    |              |                |                                       |          |            | <u> </u> |
| ļ          | 1                | i     |       |        |           |                |              |         |         |  |                   |           |             |              |                |                                       |          |            |          |
|            |                  |       |       |        | <u> </u>  | ļ              | <b></b>      |         |         | 1  |                   |           |             | <del>-</del> |                | ·                                     |          | · •        |          |
|            | į                | }     |       |        |           | Ì              | 1            |         |         |  | 1                 | į.        | į           |              |                | !                                     |          | 1          |          |
|            |                  |       |       |        | ļ         |                | ļ            |         |         | <del>                                     </del> |                   |           |             |              |                | ·                                     |          |            |          |
|            |                  | i     |       |        | }         | 1              | 1            |         |         | 1  |                   |           |             | 1            | 1              |                                       |          |            |          |
|            |                  |       |       | L      | ļ         | <b></b>        | ļ            |         |         |  |                   |           |             |              |                | ·                                     |          |            |          |
| (          | İ                | İ     |       |        | ĺ         |                |              |         |         | 1  | - 1               |           |             | 1            |                | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |          |            |          |
|            |                  |       |       |        | ļ         | <u> </u>       | <b> </b>     |         |         | <del>  -   -</del>                               |                   |           |             | <u> </u>     |                |                                       |          |            |          |
| į          |                  |       |       |        |           |                |              |         |         |  | 1                 |           |             | 4 1          |                |                                       |          |            |          |
|            |                  |       |       | ļ      |           |                | ļ            |         |         | +-+  |                   |           |             | <del></del>  |                |                                       |          |            |          |
|            | İ                |       |       | i<br>i |           |                |              |         |         |  | !                 | 1         | i           | į            |                |                                       |          |            |          |
|            |                  |       |       | -      | ļ         |                | <del> </del> |         |         | +  |                   |           | <del></del> |              | <del>-</del>   | ·                                     |          |            |          |
|            | }                | j     |       | 1      | 1         | }              |              |         |         |  |                   |           | ļ           | i            |                |                                       |          |            |          |
| lement (X) | ž                | x,    |       |        | ZX        | <del>'  </del> | ¥            | - F     | -       | No. Obs.   | <del>-  -</del> - |           |             | Mean No      | . of Hours wit | h Temperatu                           | r•       |            |          |
| tel. Hum.  |                  |       | 1251  |        | 696       | 27             | 77.4         |         |         | 930  | 2                 | 10 F      | 1 32 F      | ≥ 67 F       | ≥ 73 F         | → 80 F                                | + 93 F   | T          | otal     |
| ry Bulb    |                  |       | 6548  | 1      | 598       |                | 66.5         |         |         | 901  |                   |           |             | 4C .         | 3 2.3          |                                       | 1        |            |          |
| fer Bulb   |                  |       | 2424  |        | 559       |                | 62.1         |         |         | 900  |                   |           |             | 6.           |                | 1                                     |          |            |          |
| Dew Point  |                  |       | 7389  |        | 531       |                | 59.1         |         |         | 908  |                   |           |             |              | 9              | <del></del>                           | 1        |            |          |

UL U AL CLIMATOLOGY BRANCH US AFETAC AT - WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

17271 LAJES AR AZ 2100-2300 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Buib Wet Buib Dew Poir 72/ 71 7 7./ 69 1.1 3.7 2.3 6 3/ 67 .7 1.2 8.4 4.3 : 5/ 65 1.1 9.811.2 2.0 72. 217 217. 39 251 £4/ 63 2.911.2 9.0 4.0 145 251 258 .7 3.4 5.8 2.9 1.21 61 . A. 122. 122. 216. 157 6J/ 59 1.6 3.2 1.7 - 4 . 2 64 64 110 206 5 3/ 57 .9 . 9 93 114 .7 . 7 56/ 55 59 72 12 25. 4/ 53 • 2 3 65 ° 2/ 51 • 1: • 1 16 36 51/ 49 29 43/ 47 15 4 4/ 45 44/ 43 42/ 41 900 5.330.243.917.7 2.7 TOTAL . 2 922 900 Element (X) No. Obe. Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F = 73 F = 80 F 74536 4 0 F 1 32 F 6241958 82.8 8.764 900 Dry Bulb 57847 25 .6 3727235 900 64.3 3.191 90 Wet Bulb 3373291 55007 61.1 3.549 900 3.6 Dew Point 52992 58.9 4.436 3137862 900 1.3

GLOPAL CLIMATOLOGY BRANCH LEAFETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

17.201 LAJES AR AZ STATION NAME 71-80 PAGE 1 ALL HOURS CLS. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 7 / 77  $\mathbf{1}$  •  $\overline{\mathbf{1}_i}$ . 2 • 1 28 28 76/ 75 • 1 56 56 74/ 73 201 201 •1 •0 1•3 1•C • 3 • 1 72/ 71 .1 1.5 2.3 2.7 493 <u>•</u> 0 493 • 3 • D: 53 7 / 69 • 0 .0 1.1 5.8 3.8 2.4 983 963 831 1-2/ 67 .6 5.3 3.0 1.5 • 5 • 3 831 420 55 263 € 0/ 65 6.2 6.7 3.8 1.1 1338 1338 999 • 5 • 2 44/ 63 2.210.2 6.4 4.6 1.5 1819 1819 1660 1266 12/ 61 .8 2.9 3.9 2.0 741 1593 1131 741 • 8 • 0 1.8 2.4 434 963 1670 1 / 59 1.3 434 5 3/ 57 . 6 159 . 9 . 4 159 739. 894 83 83 56/ 55 . 7 393 695 • 3 : 4/ 53 . 1 27 27 192 445 12/ 51 • 2 23 23 97 349 5 / 49 • 1 38 163 4 ./ 47 13 • 0 6 113 45/ 45 5.5 44/ 43 26 42/ 41 14 3.925.233.322.512.1 2.5 7200 7200: No. Obs. Rel. Hum. ± 0 F ≥ 67 F ≥ 73 F 46592323 576931 79.310.671 7200 Dry Bulb 65.5 4.109 256.2 28.5 720 30989596 7200 471434 Wer Buib 27343322 24986133 61.5 3.755 58.7 4.580 442578 7200 48.8 422863

FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NC FORM 1 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CERRAL CLIMATOLOGY RRANCH CLAFETAC ATT WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME 71-85 PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 e31 D.B. W.B. Dry Bu b Wer Buib Dew Point (F) 7 / 77 76/ 75 . 2 14/ 73 .3 .6 2.8 37 37 73/ 71 70/ 69 1.3 5.7 2.2 94 94 <u> 22</u>. 35 . 5 .1 3.0 9.5 1.8 137 137 • 5 4:/ 67 1.413.3 3.7 145 145 122 c 6/ 65 .1 8.7 7.2 2.6 176 176 140 84 -4/ 63 . 8 9.6 5.9 2.7 186 186 166 .5 5.5 2.8 94 192 . 4/ 61 157 6 7 59 . 2 2 . 3 2 . 3 46 46: 104. 217 5 3/ 57 1.2 11 11 68: à5 55/ 55 53 54/ 53 - 2/ 51 4 -/ 47 7.233.345.216.3 2.7 TOTAL 930: 930 Element (X) Z x 2 Σx No. Obs. Mean No. of Hours with Temperature Rel. Hum. 930 77395 83.2 7.645 6495145 Dry Bulb 66.5 3.749 63.3 3.492 4123754 61830 930 42 .6 5.0 Wet Bulb 3738874 930 17.9 58878 93 Dew Point 61.2 3.981 3500918 56940 930

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| STATION                  | LAJES                | AB A                   | 51   | ATION NA   | ME     |                           |              |            | 71-80                            |              |                | ARS           |             |   |              | ال<br>الأدار | J L                                   |
|--------------------------|----------------------|------------------------|--|------------|--------|---------------------------|--------------|------------|----------------------------------|--------------|----------------|---------------|-------------|---|--------------|--------------|---------------------------------------|
|                          |                      |                        |  |            |        |                           |              |            |                                  |              |                |               |             | PAGE                                    | 1            | n300-        | -050                                  |
| Temp.                    |                      |                        |  |            | WET    | BULB                      | EMPERA       | TURE D     | EPRESSIO                         | N (F)        |                |               |             | TOTAL                                   |              | TOTAL        |                                       |
| (F)                      | 0 1-2                |                        |  |            | 9 - 10 | 11 - 12                   | 13 - 14 1    | 5 - 16 1   | 7 - 18 19 -                      | 20 21 - 22 2 | 3 - 24 25 - 26 | 27 - 28 29    | 30 - 31     |   | ry Bulb      | Wet Bulb !   | Dew Po                                |
| 76/ 75                   |                      |                        | • 6  |            |        | İ                         |              |            |                                  |              | (              |               |             | 11                                      | 11           |              |                                       |
| 74/ 73                   | •1 •1                |                        |  |            |        | L                         |              |            | i_                               |              |                |               |             |   | 26           | 1            |                                       |
| 72/ 71                   | .2 1.A               |                        |  |            |        | 1 :                       | 1            | 1          | 1                                |              |                | !             |             | 93                                      | 93           | 14           |                                       |
| 7./ 69                   | .1 2.8               |                        |  |            |        | <b>↓</b> i                |              | ∔          |                                  |              | <del></del>    | <u> </u>      |             | . 122                                   | 122          | 39           |                                       |
| nn/ 67                   | .2 .9                |                        |  |            |        | ĺ                         |              | -          |                                  |              |                |               |             | 123                                     | 123          | 104          | 3                                     |
| + 5/ 65                  | .3 8.7               |                        |  |            |        | <del>,</del> <del> </del> |              |            |                                  |              |                |               | –           | 172                                     | 172          |              |                                       |
| 64/ 63                   | .912.5               |                        |  |            | • 2    |                           | 1            | - 1        |                                  |              |                |               |             | 199                                     | 199          | 156          | 2.3                                   |
| 62/ 61                   | .4 5.8               |                        |  |            |        |                           |              |            |                                  |              |                | ++            |             | 89                                      | 89           |              |                                       |
| 57 59                    | .1 4.4               | ,                      | 1  | 1          |        | i i                       | 1            | į          |                                  |              |                |               |             | 64                                      | 64           | 121          |                                       |
| 55/ 55                   | •1 1 • 8<br>•1 1 • 1 |                        | <b> </b>   |            |        | <u> </u>                  | <del> </del> | <u>-</u> - | $\longrightarrow \longleftarrow$ | +-+          |                | ·             |             | 20                                      | 20           |              | 12                                    |
| 4/ 53                    | • 1 1 • 1            | ĺ                      |  |            |        | . (                       |              | 1          | 1                                |              | i              |               |             | 11                                      | 11           | -            | -                                     |
| 52/ 51                   |                      | <del> </del>           |  |            |        | 1                         |              | <u>-</u>   |                                  | -+           |                | <del></del> - |             | · · · · · ·                             |              | 14.          |                                       |
| 50/ 49                   | ļ                    |                        |  |            |        |                           |              |            | į                                |              | 1              |               |             |   |              |              | 1                                     |
| 4 3/ 47                  | <del>-</del>         | <del> </del>           | ł ——   |            |        | -                         |              |            |                                  |              | <del></del>    | <u> </u>      |             | · • · · · · · · · · · · · · · · · · · · |              | ~ · · · •    | -                                     |
| TAL                      | 2.639.9              | 30.4                   | 15.2   | 2.4        | _ 2    | ,                         |              |            | ļ                                |              | !              |               |             |   | 9 2 0        |              | 9.1                                   |
| INL                      | 2.037.7              | 37.0                   | 1302   | 2.00       | • 4    | +                         | <del></del>  |            |                                  |              |                |               |             | 930                                     |              | 930          |                                       |
| 1                        |                      |                        |  |            |        |                           |              |            | -                                | i            |                |               |             | 730                                     |              | , , ,        |                                       |
|                          |                      | 1                      |  |            |        |                           |              |            |                                  | <del></del>  |                | •             |             | <del>-</del>                            |              | -            |                                       |
|                          |                      |                        |  |            |        |                           |              |            |                                  |              |                |               |             | 1                                       | :            | į            |                                       |
|                          |                      |                        |  |            |        |                           |              |            |                                  |              | :              |               |             |   | •            |              |                                       |
| 1                        |                      |                        |  |            |        | ]                         |              | }          |                                  | ]            | 1              |               |             |   |              | į            |                                       |
|                          |                      |                        | i -  |            |        |                           |              |            |                                  |              |                |               |             | :                                       |              |              |                                       |
|                          | i                    | <u> </u>               | <u> </u>   | li         |        |                           |              |            |                                  | ii           |                | i             |             |   | İ            | ì            |                                       |
|                          |                      | 1                      |  |            |        | ]                         |              |            |                                  |              |                |               |             | 1                                       |              | ;            |                                       |
|                          |                      |                        |  |            |        | <u> </u>                  |              | L          |                                  |              |                |               |             | <u>. i</u>                              |              |              |                                       |
|                          |                      |                        | l  |            |        |                           |              |            |                                  | }            | į              |               |             |   |              |              |                                       |
|                          |                      | <u> </u>               | l  |            |        |                           |              |            |                                  |              |                | L             |             | <del></del>                             |              |              |                                       |
|                          | 1                    | İ                      |  |            |        |                           |              |            | [                                |              |                | i             |             |   |              |              |                                       |
|                          |                      | <b></b>                |  |            |        | igspace                   |              |            |                                  |              |                | 1             |             | <del>-</del>                            | <b>:</b>     |              |                                       |
| j                        | İ                    | ]                      | ]  |            |        |                           |              |            |                                  |              |                | 1             |             |   |              |              |                                       |
|                          |                      | <del> </del>           | ļ  |            |        | $\vdash$                  |              |            |                                  |              | <del></del>    |               |             |   |              |              |                                       |
| 1                        |                      |                        | 1  |            |        |                           |              |            |                                  |              |                |               |             |   |              |              |                                       |
| 1                        | Z <sub>X</sub> ,     | <u> </u>               | <del>                                     </del> | Z X        |        | <u>x</u>                  | -            | 7          | No. Obs.                         | 1            |                | Mean No.      | of Hours wi | th Temperatu                            |              |              |                                       |
| Element (X)              |                      |                        |  | 780        | 42     |                           | 7.95         | 1          | 930                              | ± 0 F        | ± 32 F         | ≥ 67 F        |             | # 80 F                                  | • 93 F       | Ť            | otal                                  |
| Element (X)<br>Rel. Hum. | 660                  | 16976                  |  |            |        |                           |              |            |                                  |              | <del></del>    | <del></del>   |             | · · · · · · · · · · · · · · · · · · ·   | +            |              |                                       |
|                          | 660<br>405           |                        |  |            | 66     | 65.9                      | 4.03         | 7          | 930                              | ļ            | 1              | 37 -          | 51 3 - 1    | 7                                       |              |              | ្                                     |
| Rel. Hum.                | 405                  | 16976<br>1446<br>19178 |  | 612<br>584 |        |                           | 3.72         |            | 930<br>930                       | <del> </del> |                | 37.           |             | <del></del>                             | <del> </del> | -            | · · · · · · · · · · · · · · · · · · · |

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC FORM 0.26.3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE UBSOLETE

CL HAL CLIMATOLOGY BRANCH LIAFETAC AI - MEATHER SERVICEZMAC

| Wet Bulb                 |     |       | <u>1122</u><br>8499 |            | 5942         |                  | 3.49       |             | 930  |            | <del>                                     </del> | 23.2   | 0.0                                   |             | <del> </del> |             | <u> </u> |
|--------------------------|-----|-------|---------------------|------------|--------------|------------------|------------|-------------|--|------------|--|--|---------------------------------------|-------------|--------------|-------------|----------|
| Dry Bulb                 |     |       | <u>2447</u><br>7133 |            | 7584<br>6274 |                  | 3.82       |             | 93C<br>930                                       | = U F      | = 32 F   | 51.5   |                                       |             | - 73 7       |             | o101     |
| Element (X)<br>Rel. Hum. |     | ZX'   |                     |            | ξχ           | X                | * <u>R</u> | No. C       |  | ± 0 F      | : 32 F   | Mean No. a                                       | f Hours with                          | + 80 F      | re . 93 F    | <del></del> | otal     |
|                          |     |       |                     |            |              |                  |            |             |  |            |  |  |                                       | !           |              |             |          |
|                          |     |       |                     |            | $\prod$      |                  |            |             |  |            |  |  |                                       |             |              |             |          |
|                          |     |       |                     |            |              |                  |            |             | 1  |            | <u> </u>   |  |                                       |             |              | :           |          |
|                          |     |       |                     |            |              |                  |            |             |  |            |  |  | !                                     | . !         |              |             |          |
|                          |     |       |                     |            |              |                  |            |             |  |            | <u> </u>   |  | <u> </u>                              | ·           |              |             |          |
|                          |     |       |                     |            |              |                  |            |             | <u> </u>   |            |  | <u> </u>   | -+                                    | :           | -            |             |          |
|                          |     |       |                     |            |              |                  |            |             | <del> </del>                                     |            |  |  |                                       | ·           |              |             |          |
|                          |     |       |                     |            |              |                  | -          |             | +  |            |  | <del></del>                                      |                                       | ·           |              |             |          |
|                          |     |       |                     |            |              |                  | -          |             | +  |            |  | -  |                                       | 930         |              | 930         |          |
| 3/ 47                    | 1.6 | 28.3  | 42.3                | 20.8       | 6.9          | • 2              |            | _           | +  |            |  |  |                                       |             | 930          | •           | 9        |
| 3/ 49                    |     |       |                     |            |              |                  |            |             | <del>                                     </del> |            | i  |  |                                       | · ·         |              | ≜.          | -        |
| 4/ 53<br>2/ 51           |     | • 1   |                     |            |              |                  |            |             |  |            |  |  |                                       | 1           | 1            | 4           |          |
| 55/ 55                   |     | .3    |                     |            |              |                  |            |             |  |            |  | i I  |                                       | 3           |              | 40<br>15    | _ '      |
| / 59<br>54/ 57           |     | 2.3   |                     | • 1        |              |                  |            |             | -  |            | <u> </u>   | <del>,                                    </del> |                                       | 33.         | 33           | 9D.         | 1        |
| 2/ 61                    |     | 3.1   | 1.1                 |            | • 1          |                  | ·          |             |  |            |  | <del> </del>                                     | · · · · · · · · · · · · · · · · · · · | 146.        | 146          | 178.<br>167 | 2        |
| 6/ 65                    |     |       |                     | 4.0<br>2.2 |              |                  |            |             |  |            | 1  |  |                                       | 183         | 183          | 197         | 1        |
| .:/ 67                   |     |       |                     | 2.6        |              | ·                |            |             | Ĺ  |            |  |  |                                       | 140         | 140          |             |          |
| 7 1 69                   |     |       |                     | 3.2        | 1.5          | <u>•1</u>        |            |             | <del> </del> -                                   | ·          | <del></del> -                                    |  | •                                     | 125<br>165  | 125<br>165   | 19.         |          |
| 4/ 73                    |     | . 5   | 1.4                 | 3.0        | • 0          | <del></del>      | 1          |             | !  |            | <del>- i</del>                                   |  |                                       | 54          | 54           |             | -        |
| 7 / 77                   |     |       | . 2                 | 2.3        | - 4          | 1                | 1          |             | :  |            |  |  |                                       | 6<br>25     | 6<br>25      |             |          |
| (F)                      | 0   | 1 - 2 | 3 - 4               | 5 - 6      | 7 - 8        | 7 - 10   11 - 12 | 13 - 14 15 | - 16 17 - 1 | 8 19 - 20  | 21 - 22 23 | - 24 25 - 26                                     | 27 - 28 29 -                                     | 30 • 31                               | D.B. W.B. D | ry Bulb      | Wer Buib    | Dew P    |
| Temp.                    |     |       |                     |            |              | WET BULB         | TEMPERAT   | TURE DEPR   | ESSION (   | F)         |  |  |                                       | TOTAL       |              | TOTAL       |          |

USAFETAC FORM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GEORAL CLIMATOLOGY BRANCH of AFETAC ATR WEATHER SERVICE/MAC

| 7 21 1                 | LA  | JE 2  | AD A         | 5     | TATION N   | AME |  |             |              | -80  |                  |                 | EARS               |                |               |           | <u>JU</u>  | _        |
|------------------------|-----|-------|--------------|-------|------------|-----|--|-------------|--------------|--|------------------|-----------------|--------------------|----------------|---------------|-----------|------------|----------|
|                        |     |       |              |       |            |     |  |             |              |  |                  |                 |                    |                | PAGE          | 1         | 0900-      | 11 i     |
| Temp.                  |     |       |              |       |            |     |  |             | TURE DEPI    |  |                  |                 |                    |                | TOTAL         |           | TOTAL      | _        |
| (F)                    | 0   | 1 - 2 | 3 - 4        | 5 - 6 | 7 - 8      |     | ++   | 13 - 14 1   | - 16 17 - 1  | 8 19 - 20  | 21 - 22 2        | 23 - 24 25 - 26 | 27 - 28 29         | 9 - 30 - 31    | D.B. W.B. D   | ry Bulb   | Wer Bulb C | ew P     |
| C2/ 81                 |     |       |              | :     | • 1        | • 1 | 1 '  |             | 1            | -  | 1 1              | i               | !!!                |                | 3             | 3         |            |          |
| 1 70                   |     |       | -            | . 4   |            |     |  |             |              |  | <u> </u>         |                 |                    |                | 17            | 17        |            |          |
| 7./ 77                 | j   |       |              |       | 4.8        |     |  | :           | 1            |  | -                |                 | ;                  |                | 82            | 82        |            |          |
| 75/ 75                 |     |       | 1.0          |       |            | 1.7 |  |             | <del>-</del> |  | -                | <del></del>     |                    |                | 107           | 107       | 1          |          |
| 74/ 73                 |     |       | 2.4          |       |            | l . | 1  | 1           | 1            |  |                  | '               | 4                  |                | 164           | 164       | 11         |          |
| 72/ 71                 | • 1 |       | 5.3          |       |            | • 6 | +  |             |              |  | <del></del>      |                 | <del></del>        |                | 188           | 188       | 5.5        |          |
| 7 :/ 69                |     | 2.5   |              | 1     | 5.4        |     | 1 .  | :           | į            |  |                  | i               | 1                  |                | 211           | 211       | 116        |          |
| 5 / 67                 |     | • 5   |              |       | 3.0        |     |  |             |              |  |                  |                 | <del></del>        |                | 105           | 105       | 233        |          |
| 6/ 65                  | • 1 |       | 1.0          | 1     |            | • 2 | 1  | i           | i            |  |                  |                 |                    |                | 35            | 35        | 202        | 1.       |
| 4/ 63                  |     | 1.4   | <del></del>  |       |            |     | <del>                                     </del> | <del></del> | <del></del>  | <del>- </del>                                    | <del>  -  </del> |                 | ·                  |                | 17            | 17        |            | 2        |
|                        |     |       | • 1          | ŀ     |            |     |  |             |              |  |                  |                 |                    |                | 1             | 1         | 87         | 1        |
| / 59<br>/ 57           |     |       |              | ,     |            |     |  | i           |              | +  | <del>  </del>    | <del></del>     | ! !                |                | ·             |           | 35         | 1        |
|                        |     |       | 1            | 1     |            |     | :<br>  | İ           | ļ            | 1  | 1                |                 |                    |                |               |           | 8          |          |
| 5 h / 55  <br>5 4 / 53 |     |       |              |       |            |     | <del>├</del> ──┤                                 |             | <del></del>  |  | <del></del>      |                 |                    |                | •             |           |            |          |
| 2/ 51                  |     |       | 1            |       |            |     |  | i           | ļ            | İ  | i                | i               |                    |                |               |           |            |          |
| 1 49                   |     |       | <u> </u>     |       |            |     |  |             | <del></del>  | +  |                  | <del></del>     | <del></del>        | · <del>-</del> |               |           |            |          |
| 43/ 47                 |     |       |              | i     |            |     |  |             |              |  |                  | i               |                    |                |               |           |            |          |
| TAL                    | - 2 | 7.3   | 22.4         | 31-0  | 30-1       | 8.6 | .4   |             |              | +  | <del> </del> +-  |                 | •                  |                | •             | 930       |            | 9        |
|                        | •   | . • • |              | 3.40  | 2041       | 3.0 |  | j           |              |  |                  | 1               |                    |                | 930           | . 23      | 930        | 7.       |
|                        |     |       | <del> </del> | -     |            |     | 1  | <del></del> |              | +  |                  |                 | •                  |                | · - <u></u> - |           | -,,,,,     |          |
|                        |     |       |              | ŀ     |            |     |  |             | [            | 1  |                  | ĺ               | 1                  |                |               | - !       | 1          |          |
|                        |     |       |              |       |            |     |  |             |              | <del>                                     </del> |                  |                 | <del></del> -      |                | <del></del>   |           |            |          |
|                        |     |       | }            | i     | }          |     | '  | 1           | }            |  | }                |                 |                    |                |               |           | i          |          |
|                        |     |       |              |       |            |     |  |             |              |  | † — †            |                 | <del></del>        | <del></del>    | ·             |           |            |          |
| į                      |     |       | 1            | i     |            |     |  | i           |              |  |                  |                 |                    |                |               |           |            |          |
|                        |     |       |              |       |            |     |  |             |              | <del>                                     </del> | t1:              |                 | - 1                |                | *·            |           |            |          |
|                        |     |       |              |       |            |     | 1  |             |              | İ  |                  |                 |                    |                |               |           | 1          |          |
|                        |     |       |              |       |            |     |  |             | 1            |  |                  |                 | : :                |                | •             | · <b></b> | •          | -        |
|                        |     |       |              |       |            |     | <u> </u>   |             |              | 1  |                  |                 |                    |                |               |           |            |          |
|                        |     |       | i            |       |            |     |  |             |              |  |                  |                 |                    |                |               | ~         |            |          |
|                        |     |       | L            |       |            |     |  |             |              | 1  | L1               |                 |                    |                |               |           |            |          |
|                        |     |       |              |       |            |     |  | _           |              | i  |                  |                 |                    |                | :             |           |            |          |
| lement (X)             |     | Zz²   | <u> </u>     |       | Z x        |     |  |             | 1 1          | 1  |                  | l               | 1                  | -144           |               |           |            |          |
| lement (X)             |     |       | £ 70+        |       |            | -   | X .  | * <u>*</u>  | No. (        |  | = 0 F            | : 32 F          | Mean No.<br>≥ 67 F | of Hours with  |               | • 93 F    |            | ata l    |
| Dry Bulb               |     |       | 5794         |       | 679        |     | 73.1   | 9.23        |              | 930  | = 0 F            | 1 32 F          | <del></del>        |                | <u> </u>      | * 93 P    |            |          |
| Wet Bulb               |     |       | <u> </u>     |       | 666<br>612 |     |  | 3.33        |              | 930  |                  | <del> </del>    | 87.                |                |               |           |            |          |
| Dew Point              |     |       | 7636<br>0858 |       | 580        |     |  | 4.10        |              | 930<br>930                                       |                  |                 | 41 0               |                |               | ļ         |            | <u>{</u> |

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| J٤         | SHAL   | CLIMA | TOLOGY  | BRANCH |
|------------|--------|-------|---------|--------|
| ٠,         | AF E T | A C   |         |        |
| <b>A</b> : | . F    | ATHER | SERVICE | /MAC   |

## **PSYCHROMETRIC SUMMARY**

102:1 LAJES AB AZ TITON NAME TEARS JUL MON'H

PAGE 1 1200-1400

| Temp.       |     |            |       |         |                | WE  | T BULB      | TEMPER | ATURE  | DEPRESSION     | (F)         |              |             | ·····         | TOTAL     |              | TOTAL |       |
|-------------|-----|------------|-------|---------|----------------|-----|-------------|--------|--------|----------------|-------------|--------------|-------------|---------------|-----------|--------------|-------|-------|
| (F)         | 0   | 1 - 2      | 3 - 4 | 5 - 6   | 7 - 8          |     |             |        |        | 17 - 18 19 - : |             | - 24 25 - 26 | 27 - 28 29  | . 30 * 31     |           | bry Butb     |       | Dew P |
| 2/ 51       |     | 1          |       | • 3     |                |     | <del></del> |        |        |                |             |              |             |               | 21        | 21           |       |       |
| . 1 79      |     | i :        |       |         | 2 • 2          |     | i           |        |        | 1              |             | 1            |             |               | 39        | 39           |       |       |
| 7 / 77      |     |            | - 2   | 3.3     |                |     |             |        | • 1    | 1              | <del></del> |              |             |               | 144       | 144          |       |       |
| 75/ 75      |     | . 1        |       | 4.2     |                |     |             |        | • • •  | :              | 1           |              |             |               | 135       | 135          | 3.    |       |
| 74/ 73      |     | . 9        |       | 7.5     |                |     | <del></del> |        |        |                |             |              |             |               | 176       | 176          | 28    |       |
| 72/ 71      |     |            |       | 5.1     |                | 2.  | _           |        |        | ' !            |             | 1            |             |               | 185       | 185          | 82    |       |
| 7 / 69      | . 2 | 1.2        |       |         |                | 2.  | 2           |        |        |                |             | <del></del>  |             |               | 176       | 176          | 141   |       |
| 4.1 67      | -   |            |       | • 5     |                |     |             |        |        |                |             |              |             |               | 30        | 30           |       | 9     |
| 46/ 65      | • 1 | 1.2        |       |         |                |     |             |        |        |                | 11-         | <del></del>  | •           |               | 22        | 22           | 187   | 9     |
| . 4/ 63     | . • | . 2        |       | :       |                |     | 1           | : 1    |        |                |             |              |             |               | 2         | 2            |       | 23    |
| (2/ 61.     |     | !          |       | ]       |                |     |             |        |        |                |             | 1            |             |               |           |              | 85    | 16    |
| ( 1/ 59     |     |            | _     | ,       |                |     | 1           |        |        |                |             | 1            | : 1         |               |           |              | 21    | 14    |
| 5/ 57       |     | !          |       |         |                |     |             |        |        |                | 1           | <del></del>  | <del></del> |               | ·         |              |       | - 6   |
| 50/ 55      |     |            |       | 1       |                |     | i _         |        |        |                | : :         |              |             |               |           |              |       | 4     |
| 4/ 53       |     |            |       | i       |                |     |             |        |        |                |             | !            | +           |               |           | •            |       | 1     |
| 1 2/ 51     |     | <u> </u> i |       | [       |                |     |             | !      |        | L i            | i i         |              | 1. 1        |               | :         |              |       |       |
| 5 1/ 45     |     |            |       |         |                |     |             |        |        |                |             | :            | •           |               |           |              |       |       |
| O TAL       | 3   | 4.4        | 13.7  | 26.7    | 36.9           | 16. | 1 1.7       | -1     | . 1    |                | 1 1         | i_           | 1.          |               |           | 930          |       | 93    |
|             |     |            |       |         |                |     |             |        |        |                |             |              | i           |               | 930       |              | 930   |       |
|             |     |            |       |         |                |     | 1           |        |        | <u> </u>       |             |              | 1           |               | 1         |              | j     |       |
|             |     |            |       |         |                |     |             |        |        |                |             |              |             |               |           |              |       |       |
|             |     |            |       | L .     |                |     |             |        |        | ]              |             |              |             |               |           |              |       |       |
|             |     |            |       |         |                |     |             |        |        |                |             |              |             |               | !         |              | !     |       |
|             |     |            |       |         |                |     |             |        |        | <u> </u>       |             |              | <u> </u>    |               |           | 1            |       |       |
|             |     |            |       |         |                |     |             |        |        |                |             |              | T           |               |           |              |       |       |
|             |     |            |       | 1       |                |     |             | l l    |        | <u> </u>       |             | <u> </u>     | 1 1         |               |           | i            | l     |       |
|             |     |            |       |         |                |     | Ī           |        |        |                | $\top$      |              |             |               |           |              |       |       |
|             |     |            |       |         |                |     |             | _      |        |                |             |              |             |               | ,         | I            | ı     |       |
|             |     |            |       | i       |                | l   |             | 1      |        |                |             |              |             | !             |           |              |       |       |
|             |     |            | L     |         |                |     |             |        |        |                |             |              |             | ì             |           | i            | :     |       |
|             |     |            |       |         |                |     | 1           |        |        |                |             |              |             |               |           |              |       |       |
|             |     | <u> </u>   |       | $\perp$ |                |     | _l .        |        |        |                |             |              |             |               | !         |              |       |       |
|             |     |            |       |         |                |     |             |        |        |                |             |              |             | 1             |           |              |       |       |
|             |     |            |       |         |                |     |             |        |        |                | i_          |              | i i         |               |           |              |       |       |
| Element (X) |     | Z X 2      |       |         | ž <sub>X</sub> |     | ¥           | •,     | $\Box$ | No. Obs.       |             |              | Mean No.    | of Hours with | Temperatu | **           |       |       |
| Rel. Hum.   |     | 464        | 5490  |         | 651            | 94  | 70.1        | 9.00   | 34     | 930            | ± 0 F       | ≤ 32 F       | ≥ 67 F      | ≥ 73 F        | - 80 F    | ≥ 93 F       | T     | oral  |
| Dry Bulb    |     |            | 0693  |         | 679            |     | 73.1        |        |        | 930            |             |              | 90.6        | 51.5          | 4.4       |              |       |       |
| Wet Bulb    |     |            | 1350  |         | 619            |     | 66.6        |        |        | 930            |             |              | 47.8        |               |           | 1            |       | 9     |
| Dew Point   |     |            | 6760  |         | 582            |     | 62.7        |        |        | 930            | <del></del> | <del></del>  | +           |               |           | <del> </del> |       | 9     |

USAFETAC FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH US AFETAC ALS WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 JUL STATION NAME YEARS PAGE 1 1504-1700 Hours 15.1.

|   |     |                |              |               |          |        |         |             |                      |             |                 |              |  |              |             |              | носяв      | . 5. T.   |
|---|-----|----------------|--------------|---------------|----------|--------|---------|-------------|----------------------|-------------|-----------------|--------------|--|--------------|-------------|--------------|------------|-----------|
| Temp.                                   |     |                |              |               | ,        | WET    | BULB    | EMPERAT     | URE DEP              | RESSION     | (F)             |              | - ·-·-   |              | TOTAL       |              | TOTAL      |           |
| (F)                                     | 0   | 1 - 2          | 3 - 4        | 5 - 6         | 7 - 8    | 9 - 10 | 11 - 12 | 13 - 14 15  | - 16 17 - 1          | 8 19 - 20   | 21 - 22 23      | - 24 25 - 26 | 27 - 28 29 -                                     | 30 - 31      | D.B. W.B. D | ry Bulb 1    | Vet Bulb D | Pew Po    |
| - 4/ 83                                 |     | i              | İ            | i             |          |        | - 1     | 1           |                      | 1           |                 | 4            | i  |              | 1           | 1            |            |           |
| AZ/ 81                                  |     |                |              | . 2           | _ • 5    | 3      | _ • 3   | • 1         |                      | !           |                 |              |  |              | 1.4         | 14           |            |           |
| 31/ 79                                  |     | i              |              | • 6           | 1.4      | 1.6    |         | - 1         |                      | 1           |                 |              |  |              | 35          | 35.          |            |           |
| 7./ 77                                  |     |                |              | 4.5           | 6.6      | 3.3    | 1.2     |             |                      | į           |                 | 1            |  |              | 145         | 145          |            |           |
| 70/ 75                                  |     | • 3            | , 5          | 4.4           |          |        |         |             |                      | i           | •               | *            | •  |              | 129         | 129          | 3          |           |
| 74/ 73                                  |     | . 3            | 2.0          | 7.5           | 6.6      | 3 • G  | . 2     |             |                      | }           | ;               |              |  |              | 183         | 183          | _ 22       |           |
| 72/ 71                                  |     | . 4            | 4.4          | 4.4           | 7.8      | 2.0    |         |             |                      |             | :               |              | ·  |              | 178         | 178          | P 2        |           |
| 73/ 69                                  |     | . 9            |              | 5.2           |          |        |         |             | 1                    |             | ,               |              | 1  |              | 179         | 179          | 134        | 4         |
| 1 1 67                                  |     |                | 2.8          |               | 1.5      |        |         |             |                      |             |                 |              | <del> </del>                                     |              | 50          | 50           | 218        | - ·       |
| 1.6/ 65                                 |     | -8             | )            | . 4           |          |        |         |             | į                    |             |                 |              |  |              | 15          | 15           | 181        | 11        |
| 1.4/ 63                                 | • 1 | <del>,</del>   |              |               |          |        |         |             |                      |             | 1 - 1           |              | <del></del>                                      |              | 1           | 1            | 184        | 22        |
| 62/ 61                                  | • • |                |              |               |          |        |         |             |                      |             |                 |              | : 1  |              | •           | •            | 85         |           |
| 6 / 59                                  |     |                |              |               |          |        |         | -           | -                    | <del></del> |                 |              | <del></del>                                      |              |             |              | 20         | 16        |
| 5.5/ 57                                 |     | 1              |              |               |          |        |         |             | ļ                    | 1           |                 |              |  |              |             |              | 1          | 6         |
| 56/ 55                                  |     | <del></del>    |              |               |          |        |         | <del></del> | <del></del> -        |             | <del></del>     |              | •  |              |             | · · ·        |            | - 5       |
| 4/ 53                                   |     | -              | i            |               |          |        | 1       |             |                      |             | , 1             | 1            |  |              |             |              |            | ,         |
| - 2/ 51                                 |     | <del> </del> - |              |               |          |        |         |             | <del></del> -        |             | <del></del>     | <del></del>  | <del>+</del>                                     | <del></del>  |             |              |            |           |
| CTAL                                    | 1   | 2 7            | 15.2         | 27.0          | 3 n      | 14 2   | 1.8     | 2           | į                    |             | 1               | -            |  |              |             | 930          |            | 93        |
| - 146                                   | • • | 201            | 1302         | 21.0          | 2000     | 1702   | 100     | • 4         |                      |             | <del> </del>    |              | •  |              | 930         | 730          | 930        |           |
| 1                                       |     | i<br>I         | 1            | <u> </u><br>! |          |        |         |             | ļ                    | 1           | '               |              |  |              | 7 3 U       |              | 7 3 0      |           |
|   |     |                |              | <del></del> - |          |        |         |             |                      | +           | <del>  -</del>  |              |  |              |             |              |            | -         |
| )                                       |     |                | 1            | !             | İ        |        |         | i ļ         | ļ                    |             |                 | 1            |  |              |             |              |            |           |
|   |     | <del> </del>   |              | <u> </u>      |          | ·      |         |             |                      |             | <del> </del>    |              |  | +            |             |              |            | · · · · - |
| į                                       |     |                | i            |               | i :      |        |         |             | Ì                    |             |                 | ŀ            | 1  |              | į           |              |            |           |
|   |     | <del> </del>   | ļ            | <del> </del>  |          |        |         |             |                      |             | <del>   -</del> |              | 1  |              |             |              |            |           |
|   |     | ļ              | ļ            |               |          |        |         |             | ļ                    | 1           |                 | ļ            |  |              | "           |              | i          |           |
|   |     | <del> </del>   | <del> </del> |               | <b> </b> |        | ļ       |             | $-\!\!+\!\!-\!\!\!-$ |             | <del>  </del>   |              | <del>                                     </del> |              |             |              | :          |           |
| ì                                       |     |                |              | ļ             |          |        |         | 1           |                      | ļ           |                 |              |  |              | 1           |              |            |           |
|   |     | ļ              | ļ            | <u> </u>      |          |        | L       | -           |                      | <del></del> | <b></b>         |              | <b>↓</b> ↓                                       |              |             |              | •-         |           |
|   |     | į              |              | ł             | }        | i      |         |             |                      |             |                 |              | :  |              | i i         |              |            |           |
|   |     | ļ              | <u> </u>     |               |          |        |         |             |                      |             |                 |              | li_  |              |             |              |            |           |
|   |     | ļ              | İ            | 1             | 1        |        | 1       | }           | }                    | -           | į               | i            | i  |              |             |              |            |           |
|   |     |                |              |               |          |        |         |             |                      |             | <u> </u>        |              | <u> </u>   |              |             |              |            |           |
| I                                       |     |                | ĺ            |               |          |        |         |             | i -                  |             |                 | ĺ            |  |              |             |              |            |           |
| i                                       |     |                |              | 1             |          |        | 1       |             | l                    |             |                 |              | 1  |              |             |              | :          |           |
|   |     | Σχ'            |              |               | ZX       |        | Ĭ       | <b>₹</b>    | No.                  | Obs.        |                 |              | Mean No. a                                       | f Hours with | Temperatu   | re           |            |           |
| Element (X)                             |     |                | 5819         | [             | 651      | 17     | 70.0    | 8.45        | 7                    | 930         | : 0 F           | : 32 F       | ≥ 67 F   | ≠ 73 F       | - 80 F      | + 93 F       | 7.         | atal      |
|   |     | 462            |              |               |          |        |         |             |                      |             |                 |              |  |              |             | •——          |            |           |
| Rel. Hum.                               |     |                |              |               |          | 44     | 73.0    | 3.43        | 3                    | 930         |                 |              | 91.4   | 50.7         | 4.1         | ľ            |            | 4         |
| Element (X) Rel. Hum. Dry Bulb Wet Bulb |     | 496            | 3204<br>1322 |               | 678      |        | 73.3    |             |                      | 930<br>930  |                 | <del> </del> | 91.4   |              | 4,1         | <del> </del> |            | <u>9</u>  |

BL HAL CLIMATOLOGY BRANCH LEAFLIAC ATH WEATHER SERVICE/MAC

| 22"1        | LAJES AS A    | 13   |               |                | 71-80  |  |                            |                 |                 |               |  |            | <i>!</i> |
|-------------|---------------|--|---------------|----------------|--|--|----------------------------|-----------------|-----------------|---------------|--|------------|----------|
| STATION     |               | STATION NAME                                     |               |                |  |  | ¥ E                        | ARS             |                 | DACC          |  |            |          |
|             |               |  |               |                |  |  |                            |                 |                 | PAGE          | 1  | 1870-      | ا يا ي   |
| Temp.       |               |  |               |                | E DEPRESSION                                     |  |                            | , ,             |                 | TOTAL         | ~ .  | TOTAL .    |          |
| (F)         | 0 1 · 2 3 · 4 | 5 - 6 7 - 8 9 - 10                               | •             | 13 - 14 15 - 1 | 6 17 - 18 19 - 20                                | 21 - 22 23                                       | <u>- 24</u> 25 <u>· 26</u> | 27 - 28 29 -    | 30 - 31         | • • • • • • • |  | Wet Bulb [ | Dew P    |
| / 79        |               | •4   |               |                |  |  |                            |                 |                 | 5             | 5  |            |          |
| 75/ 77      | ÷             | 1.5 3.4 .8                                       |               | · <del></del>  | <del></del>                                      | ·  | <del>- i</del>             |                 |                 | . 55          | <u>55</u> .                                      |            |          |
| 75/ 75      |               | 3.9 3.8 .4                                       | 1 1           |                |  |  | ;                          |                 |                 | 33            | 5.3  |            |          |
| 74/ 73      |               | 3 3 3 4 5<br>7 6 8 6 7 2                         |               |                |  |  |                            | • •             |                 | 149           | 149  |            | -        |
| 7/69        |               | 7 6 8 6 7 .2<br>2 6 8 5 6                        |               | j              | i<br>i   |  |                            |                 |                 | 179<br>223    | _  | 47         |          |
| 6 / 67      |               | 2.7 3.9  | <del></del>   |                | •  | •  |                            | • • -           | • · · ·         | 124           | <u>223.</u><br>124                               | 99<br>197  |          |
| 6/ 65       | : 1           | 4.1 1.3  | ?!            |                |  |  |                            |                 |                 | 96            | 96   | _          | 11       |
| • 4/ 63     | .3 .6 .1      |  | •             |                | <del> </del>                                     | !  |                            | ·               |                 | 16            | 16   | 217        | 2:       |
| +21 61      |               | ,  | 1             | i              |  |  |                            |                 |                 |               | •  | 110        | 17       |
| ( / 59      | <del></del>   | <del>                                     </del> | <del></del>   |                |  |  |                            |                 |                 |               |  | 45         | 16       |
| c ./ 57     | 1             |  | !             |                |  |  |                            |                 |                 |               |  | 9_         |          |
| 56/ 55      |               |  |               | 1              |  |  |                            | -               |                 | • •           |  |            | 4        |
| -4/ 53      | LL            |  | : !           |                | ·  |  |                            |                 |                 |               |  |            | 1        |
| 12/ 51      |               | ĺ  | ;             |                |  |  |                            |                 |                 | •             |  |            |          |
| CTAL        | .3 6.826.5    | 34.528.6 3.0                                     | 3 . 3         |                |  |  |                            |                 |                 |               | 930  | 930        | 33       |
|             |               |  |               |                |  | . !  |                            |                 |                 | 930           |  | 930        |          |
|             |               |  |               |                |  |  | ····                       | ·               |                 |               |  |            |          |
|             |               |  | 1 1           | 1              | 1  |  |                            |                 |                 |               | :  |            |          |
|             |               | ļ  |               |                |  |  |                            |                 |                 | ·             |  |            |          |
| 1           |               |  | } }           | ļ              | 1  | 1  |                            |                 |                 | i i           |  | 1          |          |
|             |               | <del>                                     </del> | 1             |                |  | ·  |                            |                 |                 | <u>-</u>      |  |            |          |
| į           |               |  |               | į              |  | j  |                            |                 |                 | :             |  |            |          |
|             |               |  | <del>  </del> |                | <del>                                     </del> | <del>  </del>                                    |                            | ·               |                 | •             |  |            |          |
| j           |               | j  |               |                |  |  | 1                          |                 |                 |               |  | 1          |          |
|             |               | <del> </del>                                     |               | <del>-</del>   | <del></del>                                      | <del> </del>                                     |                            |                 | _ <del></del> - |               |  |            |          |
|             |               |  |               | 1              |  |  |                            |                 |                 | ;             |  |            |          |
|             |               | <del> </del>                                     | <del></del>   |                |  | <del>                                     </del> | <del></del> -              | <del></del>     |                 |               |  | ·          |          |
|             |               |  |               |                |  |  |                            |                 |                 |               | :  |            |          |
|             |               | <del>                                     </del> | +             | <del></del>    | <del></del>                                      | <del> </del>                                     |                            | <del>    </del> |                 | •             |  |            |          |
| }           |               |  |               |                |  |  |                            |                 |                 |               |  |            |          |
|             |               | <del> </del>                                     | 1             | <del></del>    | <del> </del>                                     | <del>                                     </del> |                            | ·               | <del>- i</del>  | ·             |  | ·          |          |
| İ           |               |  |               |                |  |  |                            |                 |                 |               |  |            |          |
| Element (X) | Zx²           | ZX   | X             |                | No. Obs.   |  |                            | Mean No. of     | Hours with      | Temperatu     | ·•   | -          |          |
| Rel. Hum.   | 5177650       | <del></del>                                      |               | 8.257          | 930  | 5 0 F  | ± 32 F                     | ≥ 67 F          |                 | ▶ 80 F        | e 93 l   | T          | otol     |
| Dry Bulb    | 4666587       |  |               | 3.198          | 930  |  | 1                          | 81.8            |                 | <del></del>   |  |            | · · ·    |
| Wet Bulb    | 3983148       |  |               | 3.076          | 930  |  |                            | 34.4            | • 1             |               |  |            | <u>`</u> |
| Dew Point   | 3596817       |  | 62.1          | 3.927          | 930  |  |                            | 9.7             |                 | <del></del>   | <del>                                     </del> | 1          |          |

USAFETAC FORM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SE BAL CLIMATOLOGY PRANCH CHAFETAC ATE WEATHER SERVICE/MAC

Z X'

6223134 4292796

3849964

3583985

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

LAJES AB AZ

STATION NAME

### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

₹ 73 F

JUL

| 6/ 65   | <del></del> |         |             |  | WET  | DIN D TENDE     | DATURE DE  | ODESSION /  |            |  |                      |               |           | HOLAS L    | . s. •. |
|---|-------------|---------|-------------|--|--|-----------------|--|-------------|------------|--|----------------------|---------------|-----------|------------|---------|
| 777   |             |         |             |  | WEIL   | BULB IEMPE      | KATURE DE  | PRESSION    |            |  |                      | TOTAL         |           | TOTAL      |         |
| 6/ 75     -8 1.2 .2     20 20       4/ 73     1.0 1.5 3.0 .5     56 56 1       7/ 71     -1 2.6 6.1 3.0 1.5     124 124 34       / 69     -3 2.713.6 3.4 .9 .1     195 195 59       // 67     3.211.4 4.1 1.1     184 184 125       6/ 65     -4 7.5 8.2 4.3 .4     194 194 226       4/ 63     -4 5.2 4.1 1.9 .3     111 111 208       2/ 61     -1 1.1 1.7 .2     29 29 162       // 59     -4 4 .4 .2     10 10 77       4/ 53     3 3 26       6/ 55     7       4/ 53     2       2/ 51     7       1/ 49       TAL     1.4 24.0 47.8 21.6 5.1 .1  |             | 0 1 - 2 |             |  |  | 11 - 12 13 - 14 | 15 - 16:17                                       | 18 19 - 20  | 21 - 22 23 | - 24 25 - 26                                     | 27 - 28 29 - 30 - 23 | 1 D.B. W.B. D | Pry Builb | Wet Bulb C | ew P    |
| 4/ 73       1 • 0 1 • 5 3 • 0 • 5       56 56 1         7/ 71       • 1 2 • 6 6 • 1 3 • 0 1 • 5       124 124 34         / 69       • 3 2 • 7 13 • 6 3 • 4 • 9       • 1         / 67       3 • 2 11 • 4 4 • 1 1 • 1       164 184 125         6/ 65       • 4 7 • 5 8 • 2 4 • 3 • 4       194 194 228         4/ 63       • 4 5 • 2 4 • 1 1 • 9 • 3       111 111 208         2/ 61       • 1 1 • 1 1 • 7 • 2       29 29 162         ./ 59       • 4 • 4 • 2       10 10 77         6/ 55       7         4/ 53       2         2/ 51       7         1/ 49       2         7AL       1 • 4 2 4 • 0 4 7 • 8 21 • 6 5 • 1 • 1  |             |         |             |  | 1 :  | !               |  |             |            |  |                      | 3             | 3         |            |         |
| 7 71  |             |         |             |  |  | i               | <del></del>                                      |             |            |  |                      |               |           |            |         |
| 7     69     .3     2.713.6     3.4     .9     .1       67     67     3.211.4     4.1     1.1     1.84     1.84     1.25       67     65     .4     7.5     8.2     4.3     .4     1.94     1.94     1.94     2.28       47     63     .4     5.2     4.1     1.9     .3     1.11     1.11     2.08       27     61     .1     1.1     1.1     7     .2     .29     29     1.62       .7     .9     .4     .4     .2     .2     .2     .2     .2       .7     .3     .3     .2     .3     .3     .2       .6/55     .3     .3     .2     .3     .3     .2       .4/53     .2     .3     .3     .2     .3     .3     .2       .4/53     .2     .3     .3     .2     .3     .3     .3     .2       .4/53     .2     .3     .3     .3     .3     .3     .3     .3     .3     .3     .3     .3     .3     .4     .3     .3     .3     .3     .3     .3     .3     .3     .3     .3     .3     .3     .3     .   | - 1         | 1 - 1   |             |  | : 1  | 1               |  | -           | 1          |  |                      | 56            | 56        | 1          |         |
| 67     3.2 11.4     4.1     1.1     1.64     1.84     1.25       66     65     4     7.5     8.2     4.3     4     1.74 |             |         |             |  |  |                 | <u> </u>   |             |            |  |                      | 124           |           |            | ;       |
| 6/ 65   | / 69        | .3 2.7  | 13.6 3      | 4 . 9  | • 1  | i               | i  |             | 1          |  |                      | 195           | 195       | 59         |         |
| 6/ 65   | · · / 67    | 3.2     | 11.4 4      | 1 1.1  |  |                 | i i  |             |            |  |                      | 184           | 184       | 125        |         |
| 2/ 61   | 6/ 65       |         |             |  |  | i               |  |             |            |  |                      | 194           | 194       | 228        | 1.      |
| 2/ 61   | 4/ 63       | .4 5.2  | 4.1 1.      | 9 .3   | 3  | !               | 1  | 1           |            | !  |                      | 111           | 111       | 208        | 2.      |
| 7 59  | 2/ 61       | .1 1.1  | 1.7         | 2  |  | •               | 1  |             |            |  |                      | 29            | 29        | +          | 1       |
| 3/ 57   | ./ 59       |         |             |  | 1  | i               |  |             | 1          |  |                      | -             |           |            | 1       |
| 6/ 55<br>4/ 53<br>2/ 51<br>1/ 49<br>TAL 1.424.047.821.6 5.1 .1  | 3/ 57       |         |             |  |  |                 |  |             |            |  |                      | 3             |           |            | •       |
| 2<br>2/ 51<br>1/ 49<br>TAL 1.424.047.821.6 5.1 .1 929   | 6/ 55       |         | 1           |  | 1 1  | 1               | ! !  | 1 1         | 1          |  |                      | •             | -         | 7          | _       |
| 2/ 51<br>/ 49<br>TAL 1.424.047.821.6 5.1 .1 929   |             |         |             | <del>-                                    </del> | +  | <del></del>     | <del>                                     </del> | <del></del> |            | <del></del>                                      |                      | •             |           | ·.         |         |
| 7/ 49<br>TAL 1.424.047.821.6 5.1 .1 929   |             |         |             |  |  |                 | 1  |             | -          |  |                      |               |           | -          |         |
| TAL 1.424.847.821.6 5.1 .1 929  |             |         | i           |  | <del>                                     </del> |                 | <del>    -   -   -   -   -   -   -   -  </del>   | <del></del> |            |  |                      | -· ·          | · · · ·   |            | - 0     |
| <del></del>   |             | 1.424.8 | u 7 . 9 2 1 | د ء اء   |  |                 | 1  | :           |            |  |                      |               | 0.20      |            | 9       |
|   | 145         | 1072400 | 410021      | 30 301   | •  |                 | <del> </del>                                     | <del></del> |            |  |                      | 0.7.0         | 727.      | 020        | -7.     |
|   |             |         |             |  | !!!  |                 | 1 !  |             |            |  |                      | 929           |           | 979        |         |
|   | +           |         |             | <del></del>                                      | <del>  </del>                                    |                 | <del></del>                                      | _           |            |  |                      |               |           |            |         |
|   |             | 1       |             |  |  |                 | 1  | - 1         |            |  |                      |               |           |            |         |
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|   | 1           |         | }           | ļ  |  | 1               | j ]  |             |            |  |                      |               |           |            |         |
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|   | i i         |         | 1           |  |  |                 | 1 1  | 1           |            |  |                      | 1             |           |            |         |
|   |             |         |             |  |  |                 | -  |             |            |  | ;                    |               |           |            |         |
|   |             |         | 1 1         | ļ  |  |                 |  | i i         |            |  |                      |               |           |            |         |
|   |             |         | 1           | í  |  | 1               | . i  | ii          | į          |  |                      |               |           |            |         |
|   |             |         |             |  |  |                 | <u> </u>   | ii i        |            | i i  |                      |               |           |            |         |
|   |             |         |             |  | -  |                 | <del>                                     </del> |             |            | <del>-                                    </del> |                      | <b>-</b> •    |           | •          |         |
|   |             |         |             |  |  |                 |  | 1           |            | •  |                      |               |           | •          |         |

No. Obs.

929

929

929

929

10 F

- 32 F

≥ 67 F

56.3

21.9

10.3

X

75670

63576

59728

·,

81.5 8.012 67.9 3.307 64.3 3.264

71-8C

SELSAL CLIMATOLOGY BRANCH USAFETAC ATH ALATHER SERVICE/MAC

### PSYCHROMETRIC SUMMAR

172.1 LAUES AS AZ -- YUL PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Build Wet Build Dew Fo 1 -21 81 • 2 • 5 • Di 79 • 6 96 96 .1 1.5 2.7 7 / 77 1.3 436 436 • 3 .1 .6 2.6 2.9 75/ 75 . 8 522 • 0 522 74/ 73 545 .7 1.6 5.4 2.8 64. 845 72/ 71 .1 1.3 5.4 4.1 4.1 1166 1166 355 70/ 69 .1 2.1 3.7 4.1 3.2 1408 1438 699 1 3/ 67 1.0 6.7 2.4 1.7 901 1370 6/ 65 .2 4.7 4.2 • 0 893 893 1562 +41 63 .4 4.7 2.4 1.3 • 1 678 678 1470 184 245, 1084, 129 - 2/ 61 .2 1.9 1.1 245 • 1 1 3/ 59 .1 1.1 153 153 513 138 53/ 57 <u>41. 227. 63</u> .0 .5 41 55/ 55 •0 • 2 15 15 76 39 14/ 53 • 0: F 2/ 51 5 1/ 49 4:/ 47 1.11 .331.524.218.3 5.4 .5 7439 7439 7439 7439 Element (X) Z X ZX X No. Obs. Meon No. of Hours with Temperature

= 67 F = 73 F = 80 F = 93 F 45072455 574193 77.210.057 7439 Dry Bulb 541.4 193.8 10.1 248.5 7.1 36103390 517164 69.5 4.488 7439 64.8 3.590 31359971 482259 7439 74 Dew Point 28643869 460603 7439 79.3

71-60

OBSOLETE PREVIOUS EDITIONS OF THIS FORM ď õ m 28 ó

FORM 0-26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE UBSOLETE

SE HAL CLIMATOLOGY BRANCH OF AFETAC

ATT WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

1'2'1 LAJES AB AZ 71-80 AUG 3606-8205 PAGE 1 HJ.95 .. 5. 1. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Buib Wet Buib Dem Point 7 %/ 77 • 3 7-/ 75 3.1 39 .1 1.8 3.4 3.9 .2 2.0 7.7 2.6 73 • 6 91 91 8 6 ./ 71 135 135 ۴۶ 10 1 60 .1 4.811.5 2.9 2.4 209 209 9 u . 8 ьl • 2 109 --/ 67 .6: 1.5 6.9 1.8 109 158 54 1 6/ 65 .3 8.6 4.1 1.7 1.7 155 155 180 111 .1 6.5 2.5 . 4/ 63 94 154 .6 94 2 u 4 12/ 61 2.8 2.2 48 145 48 138 ./ 59 2.3 1.7 37 37 66 150 F / 57 52 • 3 • 5 8 ρ 62 547 55 16 5.4/ 53 <u>c / 51</u> 16 c./ 49 40/ 47 41/ 45 1.630.944.114.5 7.4 1.4 930 930 No. Obs. Element (X) Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F 82.1 E.775 930 1 32 F 5 0 F 6333718 76314 Dry Bulb 4331833 63365 68.1 3.950 930 13.4 Wet Bulb 390123C 60122 64.6 3.951 930 31.5 . 9 Dew Point 3642648 585 38

GELFAL CETMATCLOCY ARANCH GLAFETAS ALE WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

PAGE 1

| Temp.       |     |          |          |              |       | WE1           | BULB '        | EMPER    | ATURE  | DEPRE    | SSION (F) |     |             |            |           | TOTAL   |              | TOTAL       |              |
|-------------|-----|----------|----------|--------------|-------|---------------|---------------|----------|--------|----------|-----------|-----|-------------|------------|-----------|---|--------------|-------------|--------------|
| (F)         | 0   | 1 - 2    | 3 - 4    | 5 - 6        | 7 - 8 |               |               |          |        |          |           |     | 4 25 - 26   | 27 - 28 29 | - 30 * 31 | D.B. W.B.                                     |              |             | Dew Pos      |
| 7 / 77      |     | •        | • 5      | 2            | •     | <del></del> - | <del></del> - |          |        |          |           |     |             | •          |           | 7   | 7            |             |              |
| 76/ 75      |     | - 8      |          | 1.1          |       |               | i             | i        |        |          |           | i   | į.          |            |           | 43  | 43           |             |              |
| 74/ 73      |     |          |          | 2.9          |       |               | <del></del>   |          |        |          |           |     | <del></del> |            |           | 65  | 6.5          | 12          |              |
| 7./ 71      |     |          |          | 2.7          |       |               |               |          |        | !        |           | !   | į           |            |           | 126   | 126          | 54          | _1           |
| 7 / 69      |     |          |          | 2.3          |       |               | <del> </del>  |          |        | :        |           |     |             |            |           | 190   | 190          | 74          | <del>-</del> |
| 6.1 67      |     |          |          | 1.8          |       |               | 1             |          |        |          |           |     |             |            |           | . 113   | 113          | 147         |              |
| 1 5/ 65     |     | 6.0      | 4.1      | 1.7          | 1.5   | • 1           | +             |          |        | 1        |           |     |             | ·*· ~ •    | · · · · — | 126   | 126          | 170         | 9            |
| - 4/ 63     |     |          |          | • 5          |       |               |               |          |        |          |           |     |             |            |           | 122   | 122          | 143         | 22           |
| · .7/ 61    |     |          |          | . 4          |       |               |               |          |        |          |           |     |             | +          |           | 60  | 60           | 136         | 10           |
| 1 / 53      |     |          |          | . 2          |       |               |               |          |        |          | :         |     |             |            |           | 60  |              | 98          | 10           |
| 5 / 57      |     | 1.0      |          |              |       |               | 1             |          |        |          |           |     |             | +          |           | 16  | 16           | 6.5         | à            |
| 50/ 55      |     |          | • 1      |              |       |               | 1             |          |        | 1        |           | }   |             | 1          |           |   | 2            |             | 4            |
| ° 4/ 53     |     | !        | i        |              |       |               | 1             |          |        | :        |           | -   |             | +          |           | <del></del>                                   | #·           | 7           | 3            |
| 5.27 51     |     | 1        | :<br>L   | <u> </u>     |       |               | i             |          |        | 1        |           | !   |             |            |           |   |              | 1           | <u>2</u>     |
| 5 / 49      |     |          |          |              |       |               | 1             |          |        | i        |           |     | ,           |            |           |   | - · - ·      | ₹.          |              |
| 4 / 47      |     |          |          |              | Ĺ     |               | 1             |          |        | L        |           | i_  |             |            |           |   |              |             |              |
| TAL         | 1.5 | 32.5     | 44.0     | 13.9         | 7.1   | 1.1           |               |          |        |          |           |     |             |            |           | · ·   | 930          |             | 93           |
|             |     | <u> </u> | L        | ļ            |       |               | 1 1           |          |        |          |           |     | Ĺ           |            |           | 930.  |              | 930         |              |
| 1           |     | ı        | i        |              |       |               |               |          |        |          |           |     |             | :          |           | 1   |              | 1           |              |
|             |     |          | İ        | İ            | Ĺ     |               |               |          |        |          |           |     |             |            |           | 1   |              | i           |              |
| +           |     |          | I        |              |       |               |               |          |        | j        |           | 1   | 1           |            |           | 1   |              | 1           |              |
|             |     | L        |          |              |       |               |               |          |        | <u>i</u> |           |     |             |            |           | i   |              | 1           |              |
|             |     |          | 1        | l            | l     | ĺ             |               |          |        |          |           |     |             |            |           | 1   |              |             |              |
|             |     |          |          |              |       |               |               |          |        | <u> </u> |           |     | _i          | 1          |           |   |              |             |              |
|             |     | l        |          | i            |       |               |               |          |        |          |           |     |             |            |           | 1   |              |             |              |
|             |     |          | <u> </u> | L            | İ     | <u></u>       |               |          |        | <u> </u> |           |     |             |            |           |   |              |             |              |
| ī           |     | į        | 1        |              |       |               |               |          |        |          |           |     |             |            |           |   |              |             |              |
| l           |     |          | <u> </u> | L            | 1     |               |               |          |        | <u> </u> |           |     |             |            |           | <u> </u>                                      |              |             |              |
|             |     |          | 1        |              |       |               |               |          |        | 1        |           |     |             | 1          | 1         |   |              |             |              |
|             |     |          | <u> </u> | L            |       |               |               |          |        |          |           |     |             | li _       |           | <u>i                                     </u> | :            |             |              |
|             |     |          |          |              |       |               |               |          |        |          |           |     |             |            | i         |   |              |             |              |
|             |     |          |          |              |       |               | 1             |          |        | 1        |           |     |             |            |           | 1   |              |             |              |
|             |     |          | İ        |              |       |               |               |          |        |          |           |     |             |            |           | 1   |              |             |              |
|             |     | <u></u>  | <u> </u> |              |       | <u> </u>      |               |          |        | L        |           |     | 1           | <u> </u>   |           | 1 1   |              |             |              |
| Element (X) |     | Z X 2    |          | <del> </del> | Z X   |               | X             | <b>₹</b> | -+ $-$ | No. Ob   |           |     |             |            |           | th Temperatu                                  |              | <del></del> |              |
| Rel. Hum.   |     |          | 9873     |              | 767   |               | 82.5          |          |        |          | 30        | 10F | ≤ 32 F      | ≥ 67 F     | ≥ 73 F    | <del></del>                                   | • 93 F       | T.          | 0101         |
| Dry Bulb    |     |          | 7267     |              | 627   |               | 67.5          |          |        |          | 30        |     |             | 54.4       |           | <del></del>                                   | <del> </del> |             | 9            |
| Wet Bulb    |     |          | 3229     |              | 596   |               | 64.1          |          |        |          | 30        |     |             | 28.7       |           | ) <u> </u>                                    | ļ            | <del></del> | 9            |
| Dew Point   |     | 359      | 1301     |              | 576   | 13            | 61.9          | 4 . 8    | 89     | 9        | 30        |     |             | 14.3       | 6         |   |              | _i          | 9            |

BLUBAL CLIMATOLOGY BRANCH SCAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

17201 LAJES AB AZ AUS STATION NAME 0600-0900 HOLAS .. S. T. PAGE 1

|            |     |       |       |         |         |          |          |         |          |           |         |          |           |         |            |             |          |              |            | HOLRS .    | . S. T |
|------------|-----|-------|-------|---------|---------|----------|----------|---------|----------|-----------|---------|----------|-----------|---------|------------|-------------|----------|--------------|------------|------------|--------|
| Temp.      |     |       |       |         |         | WET      | BULB     | TEMPE   | RATUR    | E DEPRE   | SSION   | F)       |           |         |            |             | TOT      | AL           |            | TOTAL      |        |
| (F)        | 0   | 1 - 2 | 3 - 4 | 5 - 6   | 7 - 8   | 9 - 10   | 11 - 12  | 13 - 14 | 15 - 16  | 6 17 - 18 | 19 - 20 | 21 - 22  | 23 - 24 2 | 25 - 26 | 27 - 28 29 | - 30 -      | 31 D.B.  | W.B. D       | try Buth Y | Vet Bulb   | De w   |
| 75         |     |       | • 1   |         | i       | i        | Ī        |         | Ī        | 1         |         | !        | ı         |         |            |             |          | 1            | 1          |            |        |
| 7 4/ 77    | 1   | İ     | . 9   | 1.7     | .1      |          |          |         |          | 1 1       |         | 1        | i         |         |            |             |          | 25           | 25         |            |        |
| 6/ 75      |     | 1.0   | 2.3   | 2.8     | • 3     |          | <u> </u> |         | 1        |           |         |          |           |         |            |             |          | 59           | 59         | 1          |        |
| 74/ 73     | 1   | 1.7   | 2.6   | 4.5     | . 3     | ļ        | . 1      | 1       | 1        |           |         | 1        |           |         |            |             |          | 86           | 86         | 17         |        |
| 72/ 71     | • 5 | 2.2   | 7.2   | 4.6     | 2.4     | • 5      |          |         | 1        |           |         | i        |           |         |            |             | 1        | 62           | 162        | 69         | _      |
| 6/ 69      | . 4 | 4.1   | 12.7  | 4.2     | 1.6     | . 6      |          | į.      | i        | i         |         | i        |           |         |            |             | 2        | 20           | 220        | 5.8        |        |
| 5/ 57      |     |       | 7.2   |         | • 5     | 1.0      | ij       | !       |          |           |         |          |           |         |            |             | 1        | 00           | 100        | 171        | -      |
| 6/ 65      |     | 5.3   | 4.4   | 2.3     | 1.0     | -1       |          | ļ       | İ        | 1         |         |          |           |         |            |             | 1        | 21           | 121        | 191        | 1      |
| 4/ 63      | . 3 |       | 1.8   |         |         |          |          |         | 1        |           |         |          |           |         |            |             |          | 75           | 75         | 151        |        |
| 2/ 61      |     |       | 1.1   |         |         |          | 1        |         |          |           |         |          |           |         |            |             |          | 32           | 32         | 116        | 1      |
| J/ 59      | • 1 | 2.6   | 1.1   |         |         |          |          | i       | 1        |           |         |          |           |         |            |             |          | 35           | 35         | 59         |        |
| 4/ 57      | }   | • 5   | • 2   |         | <br>    | 1        | ĺ        |         | }        | ] ]       |         | }        | +         |         | 1          |             |          | 7            | 7          | 46         |        |
| 57 55      | . 1 | • 3   |       |         |         |          |          |         |          |           |         |          |           |         |            |             |          | 6            | 6          | 13         |        |
| 4/ 53      |     | • 1   |       |         | 1       |          |          |         |          | 1 1       |         | ì        |           |         |            |             |          | 1            | 1          | 5          |        |
| 2/ 51      |     |       |       |         |         |          |          |         |          |           |         |          |           |         |            |             |          |              |            | 3          |        |
| 1 49       |     | ļ     |       |         |         | İ        |          |         | -        |           |         | i        | :         |         |            |             |          |              |            | - 1        |        |
| 5/ 47      |     |       |       |         |         |          |          |         | 1        |           |         |          |           |         |            |             |          | •            |            |            |        |
| TAL        | 1.7 | 25.3  | 41.7  | 22.0    | 6.9     | 2.3      | .1       |         |          |           |         | l        |           |         |            |             |          |              | 930        |            | (      |
|            |     |       |       |         |         |          |          |         |          |           |         |          |           |         |            |             | 9        | 30           |            | 930        |        |
|            |     | 1     |       | _       |         | L        | <u> </u> |         |          |           |         | ļ        |           |         |            |             |          |              |            | 1          |        |
|            |     |       |       |         | i       |          | I        |         |          | T         |         | Ī        |           |         |            |             |          |              |            |            |        |
|            |     |       |       |         |         | L        |          |         |          |           | _       | L        |           |         |            |             |          |              |            | 1          |        |
|            | j   |       |       |         |         | ]        |          |         |          | ]         |         |          |           |         |            |             |          |              |            |            |        |
| Ì          |     |       |       |         |         |          |          |         |          |           |         | Ĺ!       |           |         |            |             |          |              | 1          | 1          |        |
|            |     |       |       |         | 1       | }        | 1        |         |          |           |         |          |           |         | 1          |             |          |              |            |            |        |
| 1          |     |       |       |         |         | L        | İ        |         | L        |           |         |          |           | i       |            |             | _        |              | 1          | 1          |        |
|            |     |       |       |         |         |          |          |         |          | 1         |         |          |           | -       | 7          |             |          |              |            |            |        |
|            |     |       |       |         |         |          |          |         | <u>L</u> |           |         |          |           |         |            |             |          |              |            |            |        |
| 1          |     |       |       |         |         |          |          |         |          |           |         |          |           | -       |            |             |          |              |            |            |        |
|            |     |       |       |         |         |          |          |         |          | 1 1       |         | <u> </u> |           | i       | i          |             | <u>.</u> |              |            |            |        |
|            |     |       |       |         | į       |          | ]        |         |          |           |         |          |           |         |            |             |          |              |            |            |        |
|            |     |       |       |         |         |          | Ĺ        |         |          |           |         |          |           |         |            |             |          |              |            |            |        |
| 7          |     |       |       |         |         | 1        | 1        |         |          |           |         | ]        | 1         | 1       |            |             |          |              |            |            |        |
|            |     |       |       |         | <u></u> | <u> </u> | <u> </u> |         |          | <u> </u>  |         | <u> </u> |           |         |            |             |          |              |            | :          |        |
| lement (X) |     | Σχ'   |       |         | ZX      |          | X        |         |          | No. Obs   | +       |          |           |         | Mean No.   | <del></del> |          | <del>-</del> | •          |            |        |
| el. Hum.   |     |       | 9958  |         |         |          | 81.0     |         |          |           | 30      | ± 0      | F :       | 32 F    | ≥ 67 F     | ≥ 73        |          | 0 F          | • 93 F     | _ <u> </u> | otal   |
| ry Bulb    |     |       | 8716  | ļ       | 630     |          | 68.8     |         |          |           | 30      |          |           | i       | 65.3       |             | •1:      |              | <b></b>    | ·          |        |
| fer Bulb   |     |       | 7532  | <b></b> | 504     |          | 65.0     |         |          |           | 3 C     |          |           |         | 34 .6      |             | • 8      |              | ļ          |            |        |
| ew Point   |     | 747   | 4707  | ı       | E 0 5   | 0.01     | L2 7     | 1 4. 7  | 4 0      | •         | 70 1    |          |           |         | 14 7       | t .         | 7        |              | I.         | 1          |        |

| Element (X) | Σ <sub>X²</sub> | Z <sub>X</sub> X | •       | No. Obs. | LL_   | Mean N      | o. of Hours with Temp | erature  | <u> </u> |
|-------------|-----------------|------------------|---------|----------|-------|-------------|-----------------------|----------|----------|
| Rel. Hum.   | 6179958         | 75348 81         | 0 9.004 | 930      | : 0 F | ± 32 F ≥ 67 | F = 73 F = 80         | F . 93 F | Total    |
| Dry Bulb    | 4418716         | 63084 68         | 8 4.255 | 930      |       | 65          | .3 17.1               |          | 93       |
| Wet Bulb    | 3947532         | 50472 65         | 0 4.070 | 930      |       | 34          |                       |          | 53       |
| Dew Point   | 3674393         | 58289 62         | 7 4.76C | 930      |       | 16          | .7 .7                 |          | 73       |

USAFETAC FORM 0.26.3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| OBSOLETE         |  |
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| REVIOUS EDITIONS |  |
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|----|------|------|--------------|--------|
| G. | WELL | 4 C  |              |        |
|    |      |      | C C C 1/ 1 C |        |

| Temp.       |     |          |          |          |       |        |         |         |         | DEPRESSI   |              |           |         |              |   | TOTAL     |         | TOTAL      |          |
|-------------|-----|----------|----------|----------|-------|--------|---------|---------|---------|------------|--------------|-----------|---------|--------------|---|-----------|---------|------------|----------|
| (F)         | 0   | 1 . 2    | 3 - 4    | 5 - 6    | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 19 | - 20 21 - 22 | 23 - 24 2 | 25 - 26 | 27 - 28 29 - | 30 ≥ 31                                 | D.B. W.B. | ry Bulb | Wet Buib   | Dew Poir |
| ~4/ 83      |     |          | :        |          | • 1   |        |         |         |         | ·          |              |           |         | •            |   | 1         | 1       |            |          |
| 16 1        |     |          | . 1      | 1.0      | 1.0   | .6     | L       | _ • 1   |         |            |              |           |         |              |   | 26        | 26      |            |          |
| / 79        |     |          | • 3      |          | 1.7   |        |         | • 1     |         |            |              |           |         |              |   | 40        | 40      |            |          |
| 7 / 77      |     | . 2      | • 5      | 7.3      | 5.3   | 2.0    | • 3     | • 1     |         | i          | _ !          |           |         |              |   | 147       | 147     | 2          |          |
| 75/ 75      |     | . 5      | 2.0      | 7.2      | 7.0   | 2.8    | • 3     | i       |         |            |              |           |         |              | • | 186       | 136     | 14         |          |
| 74/ 73      |     | 1.0      | 2.2      | 9.5      | 7.0   | 2.8    | . 5     | ;       |         |            | !            |           |         |              |   | 215       | 215     | 46         | 1.2      |
| 72/ 71      | • 2 | 1.8      | 4.9      | 4.8      | 6.7   | 1.5    | • 2     |         |         |            |              |           | i       |              |   | 188       | 188     | 123        | 3 1      |
| 7.1/ 69     |     | . 8      | 1.7      | 1.9      | 2.7   | 1.8    | - 1     | ı i     |         |            |              |           |         |              |   | 84        | 84      | 163        | 100      |
| 5 1/ 67     |     | • 2      | 1.0      | • 3      | . 6   | • 5    |         |         |         |            |              |           |         |              |   | 25        | 25      | ₹15        | 102      |
| 16/ 65      |     | 1.5      | • 2      | • 2      | J     |        |         | · i     |         |            | i            | <u> </u>  | :       |              |   | _18       | 19      | 167        | 138      |
| 14/ 63      |     |          | i        |          |       |        |         |         |         |            |              |           |         |              |   |           |         | 122        | 180      |
| 621 61      |     | <u> </u> | L        |          |       |        |         |         |         |            |              |           |         | !            |   |           |         | 5 <i>2</i> | 132      |
| '/ 59       |     |          | !        |          |       |        |         | 1       |         |            |              | i         |         |              |   |           |         | 24         | 119      |
| c 1/ 57     |     | <u> </u> |          |          |       |        | L       |         |         | <u> </u>   |              | 1         |         |              |   |           |         | 2          | 4 9      |
| 54/ 55      |     |          |          |          |       |        |         |         |         |            | :            | 1 .       |         |              |   |           |         |            | 34       |
| ° 4/ 53     |     |          | İ        |          |       |        |         |         |         | 1          |              | L1        |         |              |   |           |         |            | 25       |
| 52/ 51      |     |          |          |          |       |        |         |         |         |            |              |           |         |              |   |           |         |            | 1.3      |
| 43/ 47      |     |          | [        |          |       |        | Ĺi      |         |         |            |              | L         |         |              |   |           |         |            | i        |
| DATC        | . 2 | 6.1      | 13.0     | 33.5     | 32.C  | 12.9   | 1.8     | • 3     |         |            |              |           |         |              |   |           | 930     |            | 930      |
|             |     |          |          | i        |       |        |         |         |         |            |              | L i       | 1       |              |   | 930       | !       | 930        |          |
|             |     | ļ        | 1        |          |       |        |         |         |         |            |              |           |         |              |   |           |         |            |          |
|             |     |          |          |          |       |        |         |         |         | <u> </u>   |              |           |         | i            |   |           |         | !          | `        |
|             |     |          |          |          |       |        |         |         |         |            |              |           |         |              |   |           | 1       |            |          |
|             |     |          |          |          |       |        |         |         |         |            |              |           |         |              |   |           |         |            |          |
| }           |     | ]        | 1        |          |       |        |         |         |         |            |              |           | Ī       | j            | 1                                       |           |         |            |          |
|             |     | i        |          |          |       |        |         | l       |         | <u> </u>   |              | <u> </u>  |         |              | 1                                       |           | 1       |            |          |
|             |     |          |          |          |       |        |         |         |         |            |              |           |         |              |   |           |         |            |          |
|             |     | 1        | L        |          |       |        |         |         |         | ll         |              |           | I       |              |   |           |         |            |          |
| ĺ           |     | -        |          |          |       |        | 1       | 1       |         | 1          |              | l T       | T       |              |   |           |         | •          |          |
|             |     | L        | L        |          |       |        |         |         |         | LL_        |              |           |         |              | <u> </u>                                | i         |         |            |          |
|             |     | 1        |          |          |       |        |         |         |         |            |              |           |         |              |   |           |         |            |          |
|             |     |          | <u> </u> |          |       |        |         |         |         |            |              |           |         |              |   |           |         |            |          |
|             |     | 1        |          |          |       |        |         |         |         |            |              |           |         | 1            |   |           |         |            |          |
|             |     |          |          |          |       |        |         |         |         |            |              |           |         |              | <u>i</u>                                |           |         |            |          |
| Element (X) |     | ΣX,      |          |          | Σχ    |        | X       | •4      |         | No. Obs.   |              |           |         | Mean No. o   | f Hours with                            | Temperatu | r•      |            |          |
| Rei. Hum.   |     |          | 3633     |          | 665   |        |         | 9,5     |         | 930        |              | F :       | 32 F    | ≥ 67 F       | ≥ 73 F                                  | - 80 F    | ≠ 93 F  |            | lata!    |
| Dry Bulb    |     |          | 2970     |          | 684   | 82     | 73.6    | 3.3     | 12      | 930        |              |           |         | 91.2         | 61.5                                    | 4 . 5     |         |            | 9 :      |
| Wet Bulb    |     | 423      | 5478     | <u> </u> | 526   |        |         | 3.5     |         | 930        |              |           |         | 56.3         | 6.2                                     |           |         | i          | 93       |
| Dew Point   |     | 380      | 0497     |          | 592   | 8.7    | 63.7    | 4.7     | 52      | 930        |              |           |         | 24.8         |   |           | T       |            | 93       |

| Element (X) | Σχ'     | Z X   | X    |       | No. Obs. |       |        | Mean No. o | f Hours with | Temperature | •      |       |
|-------------|---------|-------|------|-------|----------|-------|--------|------------|--------------|-------------|--------|-------|
| Rei. Hum.   | 4843633 | 66523 | 71.5 | 9.579 | 930      | ± 0 F | : 32 F | ≥ 67 F     | ≥ 73 F       | - 80 F      | ≠ 93 F | Total |
| Dry Bulb    | 5052970 | 68482 | 73.6 | 3.312 | 930      |       |        | 91.2       | 61.5         | 4.5         |        | 93    |
| Wet Bulb    | 4235478 | 62674 | 67.4 | 3.562 | 930      |       |        | 56.3       | 6.2          |             | i      | 93    |
| Dew Point   | 3800497 | 59287 | 63.7 | 4.752 | 930      |       |        | 24 .8      | 1.5          | Ī           |        | 93    |

## **PSYCHROMETRIC SUMMARY**

1 2 1 LAJES AB AZ 71-80 AUG
STATION STATION NAME YEARS PAGE 1 1200-1400

| Temp.       |              |                  |            |             |                   | WET    | BULB 1      | EMPE     | RATUR        | E DEPRE          | SION    | ( <b>F</b> )    |        |             |                   |             |  | TOTAL     |              | TOTAL         |       |
|-------------|--------------|------------------|------------|-------------|-------------------|--------|-------------|----------|--------------|------------------|---------|-----------------|--------|-------------|-------------------|-------------|--|-----------|--------------|---------------|-------|
| (F)         | 0 1          | - 2 3            | - 4        | 5 - 6       | 7 - 8             | 9 - 10 | 11 - 12     | 13 - 14  | 15 - 1       | 6 17 - 18        | 19 - 20 | 21 - 22 2       | 3 - 24 | 25 - 26     | 27 - 28           | 9 - 3       | 0 + 31                                 | D.B. W.B. | Dry Bulb     | Wet Bulb      | Dev   |
| 4/ 83       |              | :                |            |             | • 1               | • 2    |             |          |              | :                |         |                 |        |             | -:                |             |  | 3         | 3            |               |       |
| 2/ 81       |              |                  | • 1        | 1.7         | 2.4               | 3.1    | . 8         |          |              |                  |         |                 |        |             |                   |             |  | 75        | 75           |               |       |
| 1 79        |              |                  |            | 3.2         | 3.C               | 4.0    | • 2         | . 1      |              |                  |         | 1               |        |             |                   |             | •—                                     | 98        | 98           |               |       |
| 7 3/ 77     | _            |                  | • 5        | 5.4         | 8.6               | 3.5    | 1.6         | . 3      | S            | · .              |         | :               | _ !    |             |                   |             |  | 188       | 188          | 3             |       |
| 75/ 75      | 1            | •0 1             | 1 . 8      | 5 . 3       | 6.9               | 5.6    | • 9         | . 1      |              |                  |         |                 |        |             |                   |             | • • • •                                | 200       | 200          | 17            |       |
| 74/ 73      | 1            | • 5              | . 4        | 6.1         | 7.3               | 3.8    | 1.0         | • 1      |              |                  |         |                 |        |             |                   |             |  | 192       | 192          | 95            |       |
| 72/ 71      | i            |                  |            | 2.6         |                   |        |             |          |              |                  |         |                 |        |             |                   |             |  | 109       | 139          | 144           |       |
| 73/ 69      |              | • 5              |            | 1.6         | 2.3               | . 5    |             |          |              |                  |         |                 |        |             |                   |             |  | 57        | 57           | 166           |       |
| 4 1 67      |              | •                | • 2        | • 1         |                   |        |             |          | ,            |                  |         |                 | ,      | •           | •                 |             |  | 3         | 3            | 179           |       |
| 10/ 65      | · · · · · ·  | • 1              | • 2        |             |                   |        |             |          | İ.,          |                  |         |                 | i      |             |                   |             |  | 3         | 3            | 171           |       |
| £41 63      | :            | • Z <sub> </sub> |            | i           |                   |        |             |          | Ì            |                  |         |                 |        |             |                   |             |  | 2         | 2            | 90            |       |
| ~2/ 61      |              | <u> </u>         |            |             | -                 |        |             |          | 1            |                  |         |                 |        |             |                   |             |  |           |              | 54            |       |
| € 5/ 59     | 1            | 1                | 1          |             |                   |        |             |          | i            | 1                |         | 1               |        |             |                   |             |  |           |              | 11            | !     |
| 5 5/ 57     |              |                  |            |             |                   |        |             |          | <u> </u>     |                  |         | <u> </u>        |        |             |                   |             |  |           |              |               |       |
| 54/ 55      |              |                  |            |             | 1                 |        |             |          | }            |                  |         |                 |        |             |                   |             | •                                      |           |              |               |       |
| · 4/ 53     |              |                  | i          |             |                   |        |             |          | <u></u>      |                  |         | <del> </del>    |        |             |                   |             |  |           |              |               |       |
| 52/ 51      |              |                  | į          | _1_         | 1                 |        | įi          |          | i            | 1000             |         |                 |        |             |                   |             |  |           |              | i             | i     |
| TAL         | 3            | 3.2              | 3 - 2 2    | 6.0         | 4.2               | 22.8   | 4.9         | - 6      | <u> </u>     | <del>-</del>     |         | <u> </u>        |        |             |                   |             |  |           | 930          |               |       |
|             |              | 1                | 1          | 1           |                   |        |             |          | 1            |                  |         |                 |        |             |                   |             |  | 930       |              | 93C           |       |
|             |              | -+               | <u>-</u> i | <del></del> |                   |        |             |          | +            | <del>-    </del> |         |                 |        |             |                   |             |  |           |              |               |       |
|             |              | - 1              | į          | - 1         | ĺ                 |        |             |          |              |                  |         | <u> </u>        |        |             |                   |             |  | į         | ļ            | ,             |       |
|             | <del>-</del> |                  |            |             |                   |        |             |          | <b>├</b>     |                  |         | <del>i</del>    |        |             |                   |             |  |           |              |               | _     |
|             |              |                  | 1          |             | j                 |        |             |          | 1            |                  |         |                 | :      |             |                   |             |  | 1         |              | L.            |       |
|             |              |                  |            |             |                   |        |             |          | +            |                  |         | <del>+</del>    |        |             | 1                 |             |  |           |              |               |       |
| )           | }            | 1                | 1          | - 1         | ļ                 |        | j !         |          | 1            | 1 1              |         |                 | 1      |             |                   |             |  | :         |              | ,             |       |
|             |              |                  |            |             |                   |        |             |          |              | +                |         | <b>├</b>        | -+     |             | <del>+</del>      |             | ······································ |           |              |               | •     |
| ]           |              | i                | 1          | ļ           | l                 |        | ]           |          | )            |                  |         |                 | i      |             |                   |             |  | i         |              |               |       |
|             |              |                  | +          |             |                   |        |             |          | <del>├</del> | <del></del>      |         | <del> </del>  - |        |             |                   |             | ·                                      |           |              |               |       |
| į           |              | 1                | 1          | 1           | - 1               |        |             |          |              |                  |         |                 | ļ      |             | 1                 |             |  |           |              |               |       |
|             |              |                  | +          |             | $\longrightarrow$ |        |             |          | ┿            |                  |         | <del> </del>    |        |             | $\longrightarrow$ |             | ++                                     |           |              |               | -     |
| ŀ           |              | 1                |            | 1           | 1                 |        |             |          | -            |                  |         |                 | 1      | i           | 1                 |             |  | '         |              |               |       |
|             | +-           |                  | +          |             |                   |        | <del></del> |          | +            |                  |         |                 |        |             |                   |             | +                                      |           |              |               |       |
| ŀ           | 1            | 1                |            | 1           |                   |        | 1           |          |              | - l i            |         |                 | 1      | į           |                   |             | 1                                      | 1         |              |               |       |
| Element (X) | Zx           | ,,               | -          |             | · ·               |        | ¥           | •,       | <u> </u>     | No. Obs          | . 1     | ٠               |        |             | Mean N            | . of t      | dours with                             | Temperati |              |               | _     |
| Rel. Hum.   |              | 441              | 0 4 0      |             | 637               | 1 1    | 68.5        | <u>-</u> |              | 9                |         | = 0 F           | •      | 32 F        |                   |             |  | → 80 F    | . 93 F       |               | Total |
| Dry Bulb    |              | 271              |            |             | 699               |        | 75.2        |          |              | 9                |         |                 | +      |             |                   | <del></del> |  | 13.1      |              |               | -     |
| Wet Bulb    |              | 323              |            |             | 633               |        | 68.1        |          |              |                  | 3 C     |                 | +      |             | 60                |             | 11.5                                   |           |              | <del></del> - | _     |
| Dew Point   |              | 56314            |            |             | 595               |        | 64.3        | _        |              | 9.               |         |                 | +-     | <del></del> | 27                |             | 2.3                                    |           | <del> </del> |               |       |

CLUMAL CLIMATOLOGY BRANCH UT AFETAC AT: WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

1 201 LAJES AD AZ STATION NAME 71-80 \_\_\_ AUD PAGE 1

15C0-17UC TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) -21 81 5.5 55 1.4 1.8 2.2 ul 79 91 .4 2.6 3.3 3.0 91 . 9 • 1 7 ~/ 77 1.1 5.2 8.5 3.3 177 177 16/ 75 1.0 6.6 8.8 4.1 • 2 202 202 15. 74/ 73 •1 1.0 1.5 6.6 7.0 5.7 •9 2.3 2.7 3.7 2.5 85 13 211 211 114 114 116 48 707 69 79 .8 1.2 1.1 2.9 1.1 66 66 192 . 4 6:1 67 7 195 .1 113 • 2 66/ 65 . 2 4 147 146 14/ 63 3 102 186 521 61 61 156 <u> 6../</u> 59 126 58/ 57 50 56/ 55 39 4/ 53 18 : 2<u>/ 51</u> .2 4.1 8.326.036.022.0 3.2 930 930 Element (X) Z x' Zx Ī ·, No. Obs. Mean No. of Hours with Temperature Rel. Hum. 69.1 9.C5B e 67 F ≥ 73 F 4520808 64292 930 Dry Bulb 74.8 3.416 67.8 3.599 73.6 5210487 69539 92.3 9.3 930 Wet Buib 4292929 63097 6C .5 10.2 93 930 Dew Point 59404 63.9 4.719 3615134

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-3 (OL A:

GLORAL CLIMATOLOGY BRANCH UTAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

17201 STATION LAJES AB AZ AUC 71-80 STATION NAME \_1<u>60</u>0=2000 Hales (15.5) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) - 2/ 81 . 1 • 1 • 1 • 1 FU/ 79 . 2 . 8 13 13 7 / 77 .1 1.3 4.4 3.C . 1 85 75/ 75 .6 3.1 7.7 3.7 . 4 <u>. 1</u> 146 146 1.6 3.212.5 74/ 73 3.8 1.4 210 210 30 3 72/ 71 . 9 .9 7.2 7.4 230 8.3 230 91 35 7(1 69 1.7 6.9 3.2 3.1 1.3 152 152 154 78 64/ 67 .1 1.4 1.4 1.4 49 49 240 100 .3 1.3 46/ 65 29 29 175 . 6 141 • 3 44/ 63 \_\_. 3 12 135 . 6 12 209 . 21 61 55 127 61/ 59 41 126 51/ 57 40 55/ 55 4/ 53 - 2/ 51 TAL 930 930 .2 6.324.139.124.4 5.5 930 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 5216230 59186 74.4 8.633 930 ± 0 F 1 32 F e 67 F = 73 F = 80 F = 93 F Dry Bulb 72.2 3.076 66.8 3.450 67152 93 4857600 930 88 -9 45 -8 -7 Wet Bulb 4155201 62081 930 52.0 3.5

930

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 01 A 0.26.3 FOR X

Dew Point

3775934

59108

63.6 4.547

IC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CL / AL CLIMATOLOGY BRANCH UTAFETAC AI: AEATHER SERVICE/MAC

| 1 2 2: 1<br>STATION | LA  | JES_   | AP A         | 2  | ATION N       |       |  |       |   | 71-          | 80   |   |               |        | ARS       |             |             |                      |                | AL   | <u>i</u> G        |
|---------------------|-----|--|--------------|--|---------------|-------|--|-------|---|--------------|--|---|---------------|--------|-----------|-------------|-------------|----------------------|----------------|--|-------------------|
| 5,41.04             |     |  |              | •  | ATTON N       | ME    |  |       |   |              |  |   |               | **     | **3       |             |             | PAGE                 | 1              | 2100-  | -2330             |
| <del></del> _       |     |  |              |  |               | w.D.= |  |       |   |              |  |   |               |        |           |             |             |                      |                | HOURS L  | . S. T.           |
| Temp.               | 0   | 1 . 2  | 3 . 4        | 5 - 6  | 7 - 8         |       |  |       |   | 17 - 18      |  | (F)<br>0 21 - 22 2:                               | 3 - 24 2      | 5 . 26 | 27 - 28 2 | 29 - 30     | + 31        | TOTAL<br>D.B. W.B. D | ry Bulb        | TOTAL<br>Wet Build (                             | Dew Point         |
| 7 / 77              |     | <del></del>                                      | . 4          | ·  |               |       |  | 19 19 |   |              |  |   |               |        |           |             |             | 9                    | 9              |  |                   |
| 76/ 75              |     | . 4  | 3.8          |  |               |       | :  |       |   |              | i  | 1 :   | i             |        |           |             |             | 5.3                  | 53             | 1  |                   |
| 14/ 73              |     | 3.1  | 3.7          | 5.1  | • 3           |       |  |       |   |              |  | 1   |               |        |           |             |             | 113                  | 113            | 16   | 3                 |
| 72/ 71              |     |  | 11.9         |  |               |       |  |       |   |              | İ  | !   |               |        |           |             |             | 218                  | 218            | 79   | 34                |
| 7:/ 69              |     |  | 14.7         |  |               |       | ]  |       |   | i            |  |   |               |        |           |             |             | 224                  | 224            | 109  | 79                |
| 6.1 67              |     |  | 7.8          |  |               |       |  |       |   |              | <b> </b>                                   |   |               |        | ;         |             |             | 128                  | 128            | 158  | 106               |
| 6/ 65               |     |  | 3.8          |  |               |       | i  | 1     |   | 1            |  |   |               |        | 1         |             |             | 102                  | 102            | 193  | 150               |
| • 4/ 63             | • 1 |  | 2.4          |  | $\overline{}$ |       | <u> </u>   |       |   | <del></del>  |  | <del></del>                                       | <del>`</del>  |        |           | <del></del> |             | 52                   | 52             | 171  | 183               |
| 4 2/ 61             |     |  | 1.2          | -  |               |       |  | 1     |   |              |  | 1 1   |               |        |           |             |             | 17<br>14             | 17<br>14       | 93   | 136               |
| = / 57              |     | • 3  | • •          | • 3  |               |       | <del>  </del>                                    |       |   | <del></del>  |  | +   | <del></del>   |        |           |             |             | 14                   | 14             | <u>48</u> .                                      | 1 <u>06</u><br>57 |
| 50/ 55              |     |  |              |  |               |       | ,  | 1     |   | 1            | ]  |   |               |        | ,         |             |             |                      |                | 12   | 41                |
| 4/ 53               |     |  | <del> </del> |  |               |       | <del>,                                    </del> |       |   | <del></del>  |  | +   |               |        |           |             |             |                      |                |  | 19                |
| 1 2/ 51             |     | i  | 1            | ( '  | ſ             |       | 1  | 1     |   | 1            |  | 1   |               |        |           |             |             |                      |                |  | 16                |
| TO TAL              | 1.3 | 16.1   | 50.5         | 20.1   | 7.2           | . A   | 1  |       |   | ·            | -  |   |               |        |           |             |             |                      | 930            |  | 930               |
| <u>[</u> ]          |     |  | 1            |  |               | _     |  |       |   | 1            | !<br>!                                     | 1   |               |        |           |             |             | 930                  |                | 930  | _                 |
|                     |     |  |              |  |               |       |  |       |   | 1            | ;  |   |               |        |           |             |             |                      |                |  |                   |
|                     |     |  |              |  |               |       |  |       |   | 1            | ·<br>• • • • • • • • • • • • • • • • • • • | 1   |               |        |           |             |             |                      |                |  |                   |
| }                   |     |  | ŀ            |  | i             |       | l i  | 1     |   | i            | ļ  | 1   |               |        |           |             |             |                      | 1              |  |                   |
| <u> </u>            |     |  | i            |  |               |       | 1  | +     |   | ļ            | L  | <del></del>                                       |               |        |           |             |             |                      |                |  |                   |
| i i                 |     | ĺ  | 1            |  |               |       | 1 1  | 1     |   | }            |  |   |               |        |           |             | :           | 1                    | 1              | i  |                   |
|                     |     |  |              |  |               |       | <del>                                     </del> | ∤     |   | <del> </del> |  |   | <del>-</del>  |        |           |             | <del></del> |                      |                |  |                   |
|                     |     |  |              |  |               |       |  | 1     |   |              |  |   | 1             |        |           |             | ;           | 1                    |                | İ  |                   |
| l                   |     |  | <del> </del> |  |               |       | ├  | +     |   | <del> </del> |  | +   |               |        |           |             | i           |                      |                |  |                   |
| 1                   |     | }  |              |  |               |       | 1 1  | j     |   | )            | ,  |   |               |        |           |             |             | ,                    |                | ;  |                   |
|                     |     | <del>                                     </del> |              |  |               |       | <del>                                     </del> |       |   | <del> </del> | <del> </del>                               | <del>1 -                                   </del> |               |        |           |             |             |                      | <del></del>    |  |                   |
| <b>i</b> i          |     |  |              |  | ! i           |       |  |       |   | }            | }  | 1   |               |        |           |             |             | 1                    | 9              | 1  |                   |
|                     |     | -  |              |  |               |       |  |       |   | <del> </del> | _  | 1   |               |        | 1         |             |             |                      |                |  |                   |
| 1                   |     |  |              |  |               |       |  | - 1   |   |              |  |   | -             |        |           | !           | I           |                      |                |  |                   |
|                     |     |  |              |  |               |       |  |       |   |              |  |   |               |        |           |             |             |                      | 1              | 1  |                   |
| <u> </u>            |     |  |              |  |               |       |  |       |   | 1            |  | 1   |               |        |           |             |             |                      |                |  |                   |
| ]                   |     | }  |              |  |               | -     | 1 7  |       |   |              |  |   | $\overline{}$ |        |           |             |             | !                    |                |  |                   |
| Element (X)         |     | Zx2  |              |  | z x           |       | <u> </u>   |       |   | No. Ol       | <u></u>                                    | <del>                                     </del>  |               |        | Mana M    |             |             | Temperatu            |                |  |                   |
| Rel. Hum.           |     |  | 2859         |  | 749           | 2 2   | X<br>80.6  | 9.70  | - |              |  | ± 0 F   |               | 12 F   | e 67 I    |             | 73 F        | * 80 F               | 7e<br>  • 93 F |  | otol              |
| Dry Bulb            |     |  | 0963         | <del>                                     </del> | 646           |       | 69.6   |       |   |              | 30<br>30                                   |   | +             | , ,    | 74.       |             | 17.5        |                      | 7,3,7          | <del></del> '                                    | 93                |
| Wet Bulb            |     |  | 3591         |  | 610           |       | 65.7   |       | _ |              | 30   | <del> </del>                                      | <del> </del>  |        | 39        |             | 1.7         |                      | <del> </del>   | <del>-                                    </del> | 93                |
| Dew Point           |     |  | 4290         | <del>                                     </del> | 588           |       | 63.3   |       |   |              | 30   | <del> </del>                                      | <del> </del>  |        | 22        |             | 7 2         |                      | <del> </del>   | <del></del>                                      | 93                |
|                     |     |  | 7474         | <u> </u>   |               | -     |  | -782  |   |              |  | <del></del>                                       |               |        |           | _           |             |                      |                |  |                   |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH US AFETAC AIR WEATHER SERVICE/MAC

| T 2-11<br>STATION |  | JES          |              |  | TATION N   | AME           |  |                |         | 71-8              |         |               |                | YEARS          | ,            |               |                  |          | viji   | UG         |
|-------------------|--|--------------|--------------|--|--|---------------|--|----------------|---------|-------------------|---------|---------------|----------------|----------------|--------------|---------------|------------------|----------|--|------------|
|                   |  |              |              |  |  |               |  |                |         |                   |         |               |                |                |              |               | PAGE             | E 1      | HOLPS  | L <b>L</b> |
| Temp.             |  |              |              |  |  |               |  |                |         | DEPRES            |         |               |                |                |              |               | TOTAL            |          | TOTAL  |            |
| (F)               | 0  | 1 - 2        | 3 - 4        | 5 - 6  | 7 - 8  | 9 - 10        | 11 - 12  | 13 - 14        | 15 - 16 | 17 - 18           | 19 - 20 | 21 - 22 23    | - 24 25 -      | 26 27          | - 28 29      | - 30 ≥ 31     | D.B. W.B.        | Dry Bulb | Wet Bulb   | Dew Po     |
| 4/ 83             |  |              |              |  | • 0  | • 0           |  | i              |         |                   | ļ       | 1             |                |                |              |               | 4.               | 4        |  |            |
| 8 2/ 81           |  |              | • 0          |  |  | • B           | • 2  | • C            |         |                   |         |               |                |                |              |               | 160              | 160      |  |            |
| F J/ 79           |  |              |              | 1.0  |  |               |  | • 🗓            |         |                   |         | 1             |                |                |              |               | 243              | 243      | _  |            |
| 7-5/ 77           |  | • 0          |              |  |  | 1.1           | . 4  | -1             |         | $\leftarrow$      |         |               |                |                | ~            |               | 642              | 642      | <u>8</u> .                                       |            |
| 76/ 75            | • 0  |              | 2.5          | 1  | 3.3  | 1.6           | • 2  |                |         |                   | 1       |               |                |                |              |               | 928.             | 928      | 5.3  | _          |
| 74/ 73            | •0   |              | <del></del>  | 6.4  | 3.3  | 1.7           | • 3  | +              |         | 1                 |         |               |                |                |              |               | •                | 1183     |  |            |
| 72/ 71            | • 5  |              |              |  |  |               | • 1  |                |         |                   | :       | 11            |                | 1              | !            |               |                  | 1282     | 734  |            |
| 75/ 69            | • 2  |              |              | 2.6  |  | - 9           | • 0  |                |         |                   |         |               |                |                |              |               | 1202             |          | 1036   | 61         |
| 64/ 67            | • 2  |              | 1            | 1.1  | 9.   | . 4           | • 0  |                |         | 1                 |         |               |                |                |              |               | 534              |          | 1403   |            |
| 6/ 65             | <u>•                                    </u> | 3.3          |              |  | . 8  | • 1           |  | 1              |         | ++                |         |               |                |                |              |               | 558              | 558      | 1394   |            |
| 4/ 63             | • 1  | 2.8          |              | 1  |  | •0            |  | 1              |         |                   | 1       | 1             |                |                |              |               | 360              | 360      | 1068   | 157        |
| 62/ 61            | • <u>D</u>                                   |              | • 8          |  |  |               |  |                |         | $\longrightarrow$ |         |               |                |                | <del></del>  |               | 157              | 157      | 712  |            |
| 43/ 59            | • 0  |              | ì            | 1  |  |               |  | ĺ              |         |                   | 1       | · į           | :              |                |              |               | 146              | 146      |  | 106        |
| 53/ 57            | <u> D</u>                                    |              |              |  |  |               |  |                |         | <del> </del>      |         |               |                |                |              |               | . 31             | 31       | 189  |            |
| 56/ 55            | • 0  |              |              | ļ  | 1  |               |  |                |         | i                 | ļ       |               |                |                |              |               | 9.               | 9,       | - 1  |            |
| 4/ 53             |  | •0           |              |  |  |               |  |                |         | ++                |         |               |                |                | <del></del>  |               | 1.               | 1        | ·  |            |
| 5 2/ 51           |  |              | !            | İ  | 1  |               |  | Ì              |         |                   | 1       |               | i              |                | ł            |               |                  |          | 5  | •          |
| 55/ 49            |  |              | <b></b>      | <del>!</del>                                     |  |               |  | <u> </u>       |         | ++                |         | <del></del> - |                |                |              |               |                  |          |  | 1          |
| 4 3/ 47           |  |              | 1            | İ  |  |               |  |                |         | l i               | 1       |               |                | 1              | 1            |               |                  | į        | :  |            |
| 45/ 45            |  |              | 20 0         | 2  |  |               | <del>                                     </del> |                |         | <del> </del>      |         |               | <del>+</del> - |                |              |               | • · <b>-</b> • • | 3000     |  | 74         |
| OTAL              | • 8  | 15.8         | 29.2         | 24.4   | 19.7   | 8.6           | 1.5  | • 1            |         | 1                 | j       |               |                |                |              |               | 3440             | 7440     |  | 744        |
|                   |  |              | <b></b>      | <del> </del>                                     | <del></del>                                      |               |  |                |         | <del>   </del>    |         |               |                | <del>-</del> - | <del>i</del> |               | 7440             |          | 7440   |            |
| 1                 |  |              | 1            | İ  | ł  |               |  |                |         | 1                 | - 1     |               | i              | 1              | 1            |               | '                | 1        | )  |            |
|                   |  |              | <del> </del> | <del> </del>                                     | <del> </del>                                     |               |  |                |         | ┥                 |         | <del></del>   | <del></del>    |                |              | <del></del>   | ··               |          |  |            |
| - 1               |  |              | ļ            |  |  |               |  | . 1            |         |                   | 1       |               |                | į              |              | į             |                  | [        |  |            |
|                   |  | ļ. <u></u> - | ļ            | <del> </del> -                                   | <del> </del>                                     |               |  | <del></del> ∤  |         | <del> </del>      |         |               |                |                | -+           |               |                  |          | ·  |            |
| )                 |  |              | }            |  | 1  |               |  |                |         |                   | 1       | j             |                |                | ]            |               | i :              |          |  |            |
|                   |  |              | <del> </del> | <del> </del>                                     |  |               |  |                |         | ++                |         |               |                | -+-            |              |               | <del></del>      |          |  |            |
| 1                 |  |              | 1            | i  | 1  |               |  |                |         | 1                 |         | 1             |                | - 1            |              | 1             | İ                | i        | 1  |            |
|                   |  |              |              | <del> </del>                                     | <del>                                     </del> |               | <del> </del>                                     |                |         | +                 |         |               |                | -+             |              |               | <b></b>          |          |  |            |
|                   |  |              | ]            |  |  |               |  |                |         |                   |         | }             |                |                | 1            | 1             | į .              |          |  |            |
|                   |  |              | <del> </del> | <del> </del>                                     | <del> </del>                                     | <del></del> - |  | <del></del>    |         | +                 |         |               |                | -+             | <del></del>  |               |                  |          | · •  |            |
|                   |  | )<br>        | 1            | 1  |  |               |  |                |         |                   |         | İ             |                |                | 1            |               | ! !<br>! .       |          |  |            |
| Element (X)       |  | ZX'          |              | 1  | ZX   | Τ.            | X  | Ф <sub>Д</sub> | $\neg$  | No. Obs           | ·. ]    |               |                | M              | ean No.      | of Hours with | h Temperat       | ure      |  |            |
| Rel. Hum.         |  | 4433         | 9068         | <del></del>                                      | 5670   | 20            |  | 10.5           | 32      | 744               | +0      | ± 0 F         | ± 32           |                | ≥ 67 F       | ≥ 73 F        | ≥ 80 F           | • 93 F   | . 1  | Fotal      |
| Dry Bulb          |  | 3791         |              | <del>,                                    </del> | 5299   |               |  | 4.6            | _       | 741               |         |               |                |                | 17.8         | 316.0         | 27.              | 5        | <del>-                                    </del> | 74         |
| Wet Bulb          |  |              | 2384         |  | 4924   |               |  | 4.04           |         | 741               |         |               | 1              |                | 63.3         | 37.C          |                  | 1        | 1  | 74         |
| Dew Point         |  | 2987         |              |  | 4701   |               |  | 4.70           |         | 744               |         |               | <del></del>    |                | 68.4         | 8.1           |                  | T        |  | 74         |

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL BYAL CLIMATOLOGY PRANCH USAFETAC 41- MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1721 LAJES AS AZ 71-80 SEP YEARS PAGE 1 COCC-UZ-CC

|            |              |             |                        |                        |  |  |   |             | PAGE         |              | HO. RS      | <u>با به د</u><br>5 |
|------------|--------------|-------------|------------------------|------------------------|--|--|---|-------------|--------------|--------------|-------------|---------------------|
| Temp.      |              |             | T BULB TEMPFRATU       |                        |  |  | ,                                       |             | TOTAL        |              | TOTAL       |                     |
| (F) .      | 0 1 2 3 4    | 5-6 7-8 9-1 | 0 11 - 12 13 - 14 15 - | 16   17 - 18   19 - 20 | 21 - 22 23                                       | - 24 25 - 26                                     | 27 - 28 29 -                            | 30 ≥ 31     | D.B. W.B. D  | ry Buib      | Wer Buib D  | ew Po               |
| 75/ 75     | • 3. 1 • 4   | 1 • 4:      |                        |                        | !  |  |   |             | 29           | 29           |             |                     |
| 74/ 73     | .8 1.8       | 2.2 .2      |                        | <u> </u>               |  |  |   |             | 45           | 45           | 3           |                     |
| 72/ 71     | .2 1.1 6.1   | 3.4 .5      |                        |                        | '  | -  |   |             | 103          | 103          | 28          | _                   |
| 7 1/ 69    | .1 6.910.8   | 3.9 1.2 .   | 1.                     | j                      |  | :  |   |             | 207          | 207          | 73          | 3                   |
| 6 3/ 67    | 1.6 7.6      | 2.8 2.7 .   | 4                      |                        |  |  |   |             | 135          | 135          | 149         | 6                   |
| 55/ 65     | 7.3 3.2      | 2.7 1.1 .   | 1                      | i                      | :  |  |   |             | 130          | 130          | 169         | 11                  |
| 64/ 63     | .6 6.7 2.9   |             | 3                      |                        |  |  |   | •           | 121          | 121          | 163         | 20                  |
| . 21 61    | 2.6 3.4      |             |                        |                        |  |  |   |             | 69           | 69           |             | 12                  |
| 4 :/ 50    | 2.6 1.8      |             |                        |                        |  | <del></del>                                      | · · · · · · · · · · · · · · · · · · ·   |             | 46           | 46           | 93          | 12                  |
| c 1/ 57    | 167          | 1           |                        | :                      | , l  |  |   |             | 12           | 12           | 71.         | 8                   |
| 55/ 55     | • 3          |             |                        |                        |  |  |   |             | 3            |              |             | - ×                 |
| 54/ 53     |              |             |                        |                        |  |  | 1                                       |             |              | •            | A           | 3                   |
| 52/ 51     |              |             |                        |                        | <del></del>                                      | +  |   |             |              |              | 3           | 3                   |
| 50/ 49     |              | 1           |                        |                        |  |  |   | •           |              |              | _           | _                   |
| 48/ 47     |              |             |                        | 1                      |  |  |   |             | •            |              |             |                     |
| 46/ 45     |              |             |                        | 1                      | : !  | ;  | : !                                     |             |              |              |             |                     |
| TAL        | 1.030.340.02 | 21.1 5.6 1. | n                      |                        |  | +  | · · · · · ·                             |             | +            | 900          |             | 9.                  |
|            |              |             |                        |                        |  | 1  |   |             | 900          |              | 900         |                     |
|            |              |             | <del></del>            |                        |  |  |   |             | ··           |              |             |                     |
|            |              |             |                        | 1 1                    | 1  |  |   | į           |              |              |             |                     |
|            |              |             |                        |                        |  | <del>-</del>                                     | • — — · · · · · · · · · · · · · · · · · |             | •            |              | +-          |                     |
|            |              |             |                        | i                      |  |  |   |             | 1            |              |             |                     |
|            |              |             |                        |                        |  |  |   |             | •            |              |             |                     |
|            |              |             |                        | i l                    | 1  |  | į                                       |             |              |              |             |                     |
|            | <del></del>  |             |                        |                        |  |  |   |             | •            | •            |             |                     |
| }          |              |             |                        |                        |  |  | 1                                       |             |              |              |             |                     |
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| 1          |              | 1 1         |                        |                        |  |  |   |             |              | i            |             |                     |
|            |              |             |                        | +                      | <del>  -</del>                                   |  | <del>  </del>                           |             | ·            |              |             |                     |
|            |              | 1 1         |                        | 1                      | 1  |  |   | 1           | 1            | 1            | 1           |                     |
|            | <del></del>  | <del></del> | +                      | <del></del>            | <del>                                     </del> |  |   |             | ++           |              |             |                     |
|            |              |             |                        |                        |  |  | [                                       | 1           | 1 !          | !            | Ţ           |                     |
|            | <del></del>  | <del></del> | <del></del>            | <del>-   -  </del>     | <del>                                     </del> | <del></del>                                      | <del>  </del>                           |             | ·            | <del></del>  |             |                     |
| ŀ          |              |             |                        |                        |  |  |   | 1           | 1 !          |              |             |                     |
| lement (X) | Z x²         | żx          | ¥ • 1                  | No. Obs.               | <del></del> _                                    |  | Mean No. o                              | Hours with  | h Temperatu  | ·•           |             |                     |
| Rel. Hum.  | 6046708      | 73338       | 81.5 8.864             | 900                    | 10F  | ± 32 F   | ≥ 67 F                                  | ≥ 73 F      | ≥ 80 F       | ≥ 93 F       | 7.          | otol .              |
| Dry Bulb   | 4087679      | 60547       | 67.3 4.004             | 900                    |  |  | 51.9                                    | 7.4         | <del></del>  | 1            | <del></del> | 9                   |
| Wet Bulb   | 3666629      | 57327       | 63.7 4.097             | 900                    |  | <del>                                     </del> | 25.0                                    | • 3         | <del>+</del> | <del> </del> |             | 9                   |
| Dew Point  | 3410669      | 55229       | 61.4 4.914             | 900                    |  | <del>                                     </del> | 2.9                                     |             | <del> </del> | <del> </del> | <del></del> | <u>7</u>            |
|            | 741004       | 22427       | Breal Availat          | <u> </u>               |  | <del></del>                                      | 7.9                                     |             | <u> </u>     | ٠            |             |                     |

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GE MAL CLIMATOLOGY BRANCH US MEETAC ALM WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

SEF 17071 LAJES AB AZ 71-80 PAGE 1 0300-0560 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 76/ 75 .3 1.2 .7 20 20 74/ 73 .6 1.8 2.2 43 43 72/ 71 ·· 3 104 1.0 6.6 3.6 .4 104 20 178 \_49 .2 5.8 9.6 3.3 7 1/ 69 178 67 63/ 67 .4 2.4 7.8 1.9 2.0 134 134 154 50 128 167 .1 7.8 3.6 2.3 1.6/ 65 128 108 - 8 <u>•</u> 3 14/ 63 .8 7.0 3.6 3.7 1.0 147 216 91 114 £ 27 61 3.6 3.9 2.3 91 110 5 / 59 5 / 57 2.4 1.6 100 40 40 147 \_\_\_75 7 C 50/ 55 3 39 .1 .2 63 - 4/ 53 • 2 2 2 10 39 52/ 51 39 5.7 49 4 3/ 47 4 1./ 45 900 900 TOTAL 1.630.740.920.4 5.7 .7 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. - 67 F → 73 F +80 F +93 F 6118850 73774 82.3 8.919 900 10 F ± 32 F 60228 66.9 4.028 63.5 4.145 Dry Bulb 4045042 900 47.9 6.3 Wet Bulb 3640537 57119 900 24 .4 90 Dew Point 55063 61.2 4.954 960 9.2 3390881

C FORM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2431 C 34C 3

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USAFETAC FORM O 26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL FAL CLIMATOLOGY BRANCH IN AFETAC AT WEATHER SERVICEZMAC

### **PSYCHROMETRIC SUMMARY**

17 201 LAJES AS AZ STATION NAME

<u>- an \_\_\_\_\_</u>

MONTH ...

PAGE 1 3630-0803

| Temp.        |     |  |                         |  |  | WET  | BULB 1   | EMPER.   | ATURE   | DEPRE  | SSION (                                      | F)        |             |        |         |               |           | TOTAL       |              | TOTAL        |              |
|--------------|-----|--|-------------------------|--|--|--|--|--|---------|--|--|-----------|-------------|--------|---------|---------------|-----------|-------------|--------------|--------------|--------------|
| (F)          | 0   | 1 - 2  | 3 - 4                   | 5 - 6  | 7 - 8  | 9 - 10   | 11 - 12  | 13 - 14  | 15 - 16 | 17 - 18  | 19 - 20                                      | 21 - 22 2 | 3 - 24 2    | 5 - 26 | 27 - 28 | 29 - 30       | × 31      | D.B. W.B. [ | by Bulb      | Wet Bulb (   | Dew Pa       |
| 7 ./ 77      |     |  |                         | . 1  |  | i  |  |  |         |  | :  |           |             |        |         |               | ··· · · • | 1           | 1            | •            | _            |
| 76/ 75       |     | 1  | 1.3                     | 1.1  |  | Ì  |  | į  |         | . 1  |  | 1         |             |        |         |               |           | 26          | 26           |              |              |
| 74/ 73       |     |  |                         | 3.1  |  |  |  | 1  |         |  |  |           |             |        |         | •             |           | 59          | 59           | 1            |              |
| 72/ 71       | • 2 | 1.4  |                         |  |  | ł.   |  | !  |         | ,  |  |           | İ           |        |         |               |           | 116         | 116          | 28           |              |
| 7 / 69       |     | 5.9  |                         |  |  |  | • 2  |  |         |  |  |           |             | •      |         |               | <b>-\</b> | 188         | 188          | 7.0          | <br>3        |
| 6 1 67       |     | 2.1  |                         |  |  |  |  | i  |         |  | 1  |           |             |        |         |               |           | 135         | 135          | 172          | 5            |
| 6/ 65        |     | 6.4  |                         |  |  |  | +  |  |         |  |  |           |             |        |         |               |           | 133         | 133          | 169          | 13           |
| . 4/ 63      |     | 6.0  |                         |  |  |  |  |  |         |  | 1  | }         |             | !      |         |               |           | 127         | 127          | 137          | 20           |
| + 7/ 61      |     | 2.2  |                         |  |  |  |  |  |         |  |  |           |             |        |         |               |           | 61          | 61           | 113          | lù           |
| t./ 59       |     | 2.6  |                         |  |  | i  |  | i İ  |         | 1  | i  | - (       |             |        |         |               |           | 42          | 42           | 101          | 14           |
| C = / 57     |     | . 4  |                         |  |  |  |  |  |         | !  |  |           |             | •      |         |               |           | 8           | 8            | 72           | 6            |
| 50/ 55       |     | 2  |                         | ]  | l  | }  |  |  |         | ļ  | ļ  | 1         |             |        | i       |               |           | 2           | 2            | 29           | 5            |
| 4/ 53        |     |  | • 2                     |  |  | 1  | 1  |  |         |  |  |           |             |        |         |               |           | <u></u>     | <u>-</u>     | 9            | 3            |
| 2/ 51        |     |  |                         |  | 1  | }  |  |  |         | i j  |  | 1         | :           |        |         |               |           | •           | _            |              | د            |
| 5 4 47       |     |  |                         |  | <del></del>                                      |  |  |  |         |  |  | i         |             |        |         |               |           |             | ·· - •       | 2            | <u>i</u>     |
| 40/ 47       |     |  |                         |  | l  | l  | 1 1  |  |         | i  | į  |           | :           | 1      |         |               |           |             |              | -            | •            |
| CTAL         | 1.9 | 28.1   | 41.3                    | 19.6   | 7.6  | 1.4  | • 2  |  |         |  |  |           |             |        |         |               |           |             | 900          |              | 90           |
|              |     |  |                         |  |  |  | -  |  |         |  |  | - 1       | i           |        |         |               |           | 900         |              | 900          | _            |
|              |     |  |                         |  |  |  |  |  |         |  |  |           |             |        |         |               |           |             |              |              |              |
| j            |     | j ]  |                         | ļ  |  |  |  |  |         |  |  |           |             |        |         | 1             |           |             |              | İ            |              |
|              |     |  |                         | <del></del>                                      |  | <del>                                     </del> |  |  |         |  |  |           |             |        |         |               |           |             |              | -            |              |
| ł            |     |  |                         | 1  | Į.   | }  | }  |  |         | ]  |  | )         | 1           | !      |         |               |           | į           | ,            | i            |              |
|              |     |  |                         |  | † —  |  |  |  |         |  |  |           |             |        |         |               | +         |             |              |              |              |
|              |     | [  |                         | 1  | İ  |  | [ ]  |  |         |  | Ì  | - (       |             |        | 1       |               |           |             | 1            | 1            |              |
| <del>-</del> |     |  |                         |  |  | 1  |  |  |         |  |  |           |             |        |         |               |           |             |              |              |              |
| ļ            |     |  |                         |  |  | 1  | }  |  |         |  |  |           | ì           | 1      | i       |               |           |             | 1            |              |              |
|              |     | <u> </u>   |                         | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |  |         | <del>  </del>                                    |  | +         |             |        |         | <del></del> • |           |             |              |              |              |
|              |     |  |                         | )  | ļ  | 1  | ļ  |  |         | ]  | ļ  | 1         |             | !      |         |               |           |             |              | 1            |              |
|              |     | <del></del>                                      |                         |  |  | <del> </del>                                     | <del> </del>                                     |  |         | <del></del>                                      |  |           | <del></del> |        |         |               |           |             |              |              |              |
|              |     | 1  |                         |  |  | 1  | }  | }  |         |  | ļ  |           | 1           |        | 1       |               |           |             |              |              |              |
|              |     | <del>                                     </del> |                         | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> |  |         | t  |  |           |             |        |         | +             |           |             |              | <del>-</del> |              |
|              |     | 1  |                         |  |  | -  | 1  | [  |         | 1 1  | ĺ  | 1         |             |        |         | :             | 1         |             |              |              |              |
|              |     | <del> </del>                                     |                         | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> |         | <del>                                     </del> |  |           |             | ;      | -       |               |           |             |              |              |              |
|              |     |  |                         |  |  |  | 1  |  |         | 1 1  |  |           | ;           | į      | 1       |               | į         |             |              |              |              |
| Element (X)  |     | Z X2   |                         | <del> </del>                                     | ZX   |  | X  | •  |         | No. Ob   | <u>.                                    </u> |           | <del></del> |        | Mean N  | o. of Ho      | urs with  | Temperatu   | r•           |              |              |
| Rel. Hum.    |     |  | 9489                    |  | 730  | 6.7  | 81.2   |  | 9.5     |  | 30   | 2 0 F     | 2.3         | 2 F    | ≥ 67    |               | 73 F      | - 80 F      | . 93 F       | T.           | otal         |
| Dry Bulb     |     |  | <del>7907</del><br>7846 |  | 606  |  | 67.4   |  | _       |  | 00   |           | +           |        | 52      |               | 8.6       |             | 1            | <del></del>  | 9            |
|              |     |  | 8086                    | <del> </del>                                     | 574  |  | 63.8   |  |         |  | 00   |           |             | +      | 27      |               | .1        |             | <del> </del> | _+           | <del>9</del> |
| Wet Bulb     |     |  |                         |  |  |  |  |  |         |  |  |           |             |        |         |               |           |             |              |              |              |

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GLU-AL CLIMATOLOGY BRANCH BRAFETAC AI: WEATHER SERVICE/MAG

### **PSYCHROMETRIC SUMMARY**

1-211 LAJES AB AZ 71-80 SEP STATION NAME YEARS PAGE 1 0900-11LC HORS ... S. Y.

| <del></del>  |              |             |                               | WET BULL D  | FUREDATUS      | E DEPRESSION      | /E)  |              |              |                      | TOTAL       |              | TOTAL    |            |
|--------------|--------------|-------------|-------------------------------|-------------|----------------|-------------------|--|--------------|--------------|----------------------|-------------|--------------|----------|------------|
| Temp.        | 0 1 . 2      | 3 - 4 5 - 6 | 7 8 9                         |             |                | 6 17 - 18 19 - 20 |  | - 24 25 - 26 | 27 - 28 29 - |                      |             | Bulb         |          | Dew Po     |
| 2/ 91        |              |             | . 7                           | •? •1       |                | <u> </u>          |  | _==1,77. **. |              | -:·· <del>-:</del> • |             | 6            | •        |            |
| : 1/ 79      | İ            | 1.          |                               | . 4         |                |                   |  | 1            |              |                      | 19          | 19           |          |            |
| 7 / 77       |              | .4 2.       | 8 2.7                         | 1.2 .1      |                | - •               |  |              |              |                      | 65          | 65           |          |            |
| 75/ 75       | • 2          | 1.6 7.      |                               | •6 •2       |                |                   |  | !            |              |                      | 143         | 143          |          |            |
| 74/ 73       |              | 2.910.      |                               | 1.7 .6      |                | l                 |  |              |              |                      | 189         | 189          | 23       |            |
| 72/ 71       | .3 1.8       |             |                               |             |                |                   |  |              |              |                      | 187         | 187          | F 4.     | 1          |
| 7 / 69       |              | 5.1 3.      |                               | 2.7         |                | į                 | ļ  |              |              |                      | 169         | 160          | 146      | 5.6        |
| 1 / 67       |              | 2.0 1.      |                               | . 8         | ·              |                   | <del></del>                                      |              |              |                      | 59          | 5.9          | 240      | 99         |
| - 6/ 65      | . 9          | .8 1.       | -                             | • 3         |                |                   | 1  |              |              |                      | 34          | 34           | 151      | 14         |
| +4/ 63       | • 6          |             | 1 .1                          | • 3         |                |                   | <del></del>                                      |              |              |                      | 24          | <u> 24</u> . | . 124.   | 19         |
| 5.7 59       | • 1          | • 1         | 1                             |             | i I            |                   | 1  |              |              |                      | 3           | 3            | 90<br>46 | 112        |
| : / 57       |              | <del></del> | +                             |             | <del></del>    | <del></del>       | <del></del>                                      | - +          |              |                      |             | · = ••       | 14       | 6          |
| 50/ 55       |              | :           |                               |             |                | i                 | •  |              |              |                      |             |              | 7        | 4 5        |
| 4/ 53        |              |             |                               | <del></del> |                | <b></b>           |  |              |              |                      | • • •       | •            | 2.       | ~ 3        |
| 52/ 51       |              |             |                               | (           |                |                   |  |              |              |                      |             |              | -        | 19         |
| 5./ 49       | ! .          |             |                               |             |                |                   |  |              | <del></del>  |                      |             | •            | •        | - (        |
| 40/ 471      |              |             | 1 1                           |             |                |                   | 1  |              |              |                      |             |              |          | 9          |
| 41/ 45       | 1            |             |                               |             |                |                   |  |              |              |                      |             |              |          | :          |
| CTAL         | .4 7.71      | 9.633.      | 926.71                        | 0.1 1.5     |                | 1 1               |  |              |              |                      |             | 399          |          | 399        |
| į            | i .          | 1           |                               |             |                | 1                 | 1  |              |              |                      | 89 <b>9</b> |              | 899      |            |
|              |              |             | _ <del>-</del> <del>-</del> - |             |                |                   | <del></del>                                      |              |              |                      |             |              |          |            |
| i            | į į          | i           |                               | 1           |                | !                 | 1  |              |              |                      |             |              |          |            |
|              |              |             | - <del> </del>                | <del></del> |                | - <del>-</del>    |  |              |              |                      |             | · · ·        |          |            |
|              |              |             |                               |             |                | 1                 | 1  |              |              |                      |             |              |          |            |
|              |              |             |                               | <del></del> |                | +                 | <del> </del>                                     |              |              |                      |             | •            |          |            |
| 1            |              |             |                               | 1           | }              | 1                 |  | :            |              |                      |             |              |          |            |
| <del>-</del> |              |             |                               |             | <del>   </del> |                   | <del>                                     </del> | <del>-</del> | - •          | • •                  | ·· ·- •     | •            | •        |            |
| }            | ] ]          |             |                               | ĺ           |                |                   |  | İ            |              |                      |             |              |          |            |
|              |              |             | 1                             |             |                | +                 | -  |              |              | - • •                |             | - • •        | •        |            |
|              |              |             | . i l                         |             |                | _                 | L I  |              | _            |                      |             |              |          |            |
|              |              |             |                               |             |                |                   | 1  |              |              |                      |             |              | •        |            |
|              |              |             | <del>-</del>                  | <del></del> | <del>   </del> |                   | <u>,                                    </u>     |              |              |                      |             |              |          |            |
| Rel. Hum.    | Σχ²          | C 2 7       | 2 x                           | 5 72 0      | 0.032          | No. Obs.          | # 0 F  | : 32 F       | Mean No. o   | f Hours with         | * 80 F      |              |          | otal       |
| Dry Bulb     | 4862<br>4651 |             | 6552<br>6459                  |             | 3.367          | <u>899</u><br>899 | 201  | + 32 F       | 33.8         | <del></del>          |             | • 93 F       |          |            |
| Wet Bulb     | 3934         |             | 5938                          |             | 3.632          | 899               | <del> </del>                                     | +            | 46.6         |                      | 6           | ·            |          | 9 (<br>9 ( |
| Dew Point    | 3540         |             | 2730                          | O DO L      | 1000           |                   | <u> </u>   |              | 70.0         | 4 0 3                |             |              |          | 7.         |

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

GL RAL CLIMATOLOGY BRANCH USAFETAC ALS REATHER SERVICEZMAC

| STATION     | LAJES AS AZ        | STATION NAME            |              |  | 71-60              |                  | YE.                                   | AR 5                  |              |               |               | \$8         | F     |
|-------------|--------------------|-------------------------|--------------|--|--------------------|------------------|---------------------------------------|-----------------------|--------------|---------------|---------------|-------------|-------|
|             |                    |                         |              |  |                    |                  |                                       |                       |              | PAGE          | 1             | 12.05       | - 1 4 |
| Temp.       |                    | WE                      | T BULB 1     | TEMPERATUR                                       | RE DEPRESSION      | (F)              |                                       |                       |              | TOTAL         |               | TOTAL       |       |
| (F)         | 0 1-2 3-4          | 5 - 6 7 - 8 9 - 10      | 11 - 12      | 13 - 14 15 -                                     | 16 17 - 18 19 - 20 | 21 22 23         | 24, 25 - 26,                          | 27 <u>· 28</u> . 29 · | 30 + 31      |               |               | Wet Buib.   | De 🕶  |
| 2/ 21       |                    | .3 1.2 .1<br>1.7 1.3 1. |              |  |                    |                  |                                       |                       |              | 19<br>47      | 19<br>47      |             |       |
| 7 / 77      | •1                 | 4.3 8.1 2.              | 2 . 9        | • 2  |                    | •                |                                       |                       |              | 145           | 145           | <u>-</u> -  |       |
| 76/ 75      |                    | 6.8 8.9 2.              |              | . 1  |                    |                  |                                       |                       |              | 190           | 190           |             |       |
| 74/ 73      |                    | 7.1 6.1 4.              |              |  |                    |                  |                                       |                       | •            | 192           | 172           | 31          | -     |
| 72/ 71:     |                    | 2.4 4.8 3.1             |              |  | 1                  |                  |                                       |                       |              | 160           | 160           |             |       |
| 7.1 69      |                    | 2.0 2.4 1.              |              | · · ·  |                    | •                |                                       |                       |              | 76            | 76            | 173         |       |
| 4 / 67      | .1 .2 .9           | .8 1.3                  | В            |  |                    |                  |                                       |                       |              | 37            | 37            | 222         |       |
| 16/ 65      | •7 •3              | .2 1.2                  |              |  | 1                  |                  |                                       |                       |              | 22            | 22            |             | ı     |
| 44/ 63      | .1 .3              | • 2 •                   | 1            |  |                    | !                |                                       |                       |              | 7_            | <u>7</u><br>5 | 143         | 1     |
| 627 61 F    | .3 .1              | • 1                     | ·            |  |                    | 1                |                                       |                       |              | 5             | 5             | 53          | 1     |
| ( 1 59      |                    |                         | 1            |  |                    |                  |                                       |                       |              |               |               | 3.3.        | ļ     |
| 5.1 57      |                    |                         | 1            | ,  | . 1                |                  |                                       |                       |              |               |               | 10          |       |
| 55/ 55      |                    |                         |              | ·  |                    | <b></b>          | · · · · · · · · · · · · · · · · · · · |                       |              | •-            | •             | 1.          |       |
| 4/ 53       | 1                  | į                       |              |  | 1                  |                  | 1                                     |                       |              |               |               |             |       |
| 12/ 51      |                    |                         |              | ļļ   | <del>-</del>       | -                |                                       |                       |              |               |               |             |       |
| 5 / 49      |                    |                         |              | 1  | 1 1                | 1 :              |                                       |                       |              |               |               |             |       |
| 4 -/ 47     |                    |                         | +            | <u> </u>   | <del></del>        | ļi               |                                       |                       |              |               |               |             |       |
| GTAL        | ·/ 3 · 3 1 Z · 6   | 25.835.716.             | 4.8          | • 6  | ,                  |                  |                                       |                       |              |               |               |             |       |
| <del></del> |                    |                         |              | <del>                                     </del> | <del></del>        | <del></del>      |                                       |                       |              | 900           |               | <u>9::u</u> |       |
| Ì           |                    |                         |              |  |                    | 1                | 4                                     |                       |              |               |               |             |       |
|             | <del></del>        | <del></del>             | +            |  | +                  | <del></del>      |                                       |                       | - · · -· •   |               |               |             | -     |
|             |                    |                         |              |  |                    |                  | i                                     |                       |              |               |               |             |       |
|             |                    |                         | <del> </del> |  |                    | <del>  -</del>   |                                       | •                     |              | ·             |               |             |       |
| }           | ; }                |                         |              | 1  |                    |                  |                                       |                       |              |               |               |             |       |
|             |                    |                         |              |  | +                  | <del>    -</del> |                                       |                       |              |               |               |             |       |
|             |                    |                         |              | 1  |                    |                  |                                       | i                     |              |               |               |             |       |
|             |                    |                         | 1            |  |                    | +                | ·+ •                                  |                       | • = •        | •-            |               | •           |       |
| )           |                    | ĺ                       |              | 1 1  |                    |                  | ;                                     |                       |              |               |               |             |       |
|             |                    |                         |              |  |                    |                  | ;                                     |                       |              |               |               |             | _     |
|             |                    |                         | 1            |  |                    |                  |                                       |                       |              |               |               | ·           |       |
|             |                    |                         |              |  |                    |                  |                                       |                       |              |               |               | - •         |       |
| Element (X) | Z <sub>X</sub> ,   | z <sub>x</sub>          | X            | -  | No. Obs.           | <del></del>      |                                       | Mean No. o            | f Hours with | Temperatur    |               |             |       |
| Rel. Hum.   |                    |                         |              |  | 9.00               | : 0 F            | : 32 F                                | e 67 F                | ₹ 73 F       | . <del></del> | . 93 f        |             | atel  |
| Dry Buib    | 4413045<br>4866051 | 62409<br>66103          |              | 3.487  | 900                |                  |                                       |                       | 59.3         | 2.2           | <del></del>   |             |       |
| Wet Bulb    | 4015629            | 60027                   |              | 3.658  | 900                |                  | <del> </del>                          |                       | 3.5          | 404           | <del> </del>  |             |       |
| Dew Point   | 3552921            | 56375                   |              | 4.908  | 900                |                  | <del> </del>                          | 16.7                  |              |               | <del> </del>  | <del></del> |       |

OL GAL CLIMATOLOGY BRANCH COAFETAC

3

AT WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13201 LAUES AB AZ YEARS STATION SAME 1500-1700 Hours ...s. T. PAGE 1

| Temp.       |              |             |       |       |          | WET  | BULB 1        | TEMPER.      | ATURE        | DEPRESSIO | ON (F)       |         |            |               |           | TOTAL        |          | TOTAL         |            |
|-------------|--------------|-------------|-------|-------|----------|------|---------------|--------------|--------------|-----------|--------------|---------|------------|---------------|-----------|--------------|----------|---------------|------------|
| (F)         | 0            | 1 - 2       | 3 . 4 | 5 - 6 | 7 - 8    |      |               |              |              |           |              | 22 23 - | 24 25 . 26 | 27 - 28 29    | - 30 ≥ 31 | D.B. W.B.    | Dry Bulb |               | Dew Pair   |
| _/ 91       |              |             |       | • 1   |          |      |               |              |              |           |              |         |            |               |           | 18           | 19       |               |            |
| 7 79        | į            | i           |       | . ,   | 1.1      |      | 1             | . ,          |              |           |              |         | i          |               |           | 31           | 31       |               |            |
| 7 / 77      | <u>+</u>     |             |       |       | 5.4      | 1.4  |               |              | <del>`</del> |           |              |         |            |               |           | 100          | 100      |               |            |
| 75/ 75      | [            | . 4         | 1.7   | 7.7   |          |      | i -           |              |              |           |              | i       | į.         |               |           | 171          | 171      |               |            |
| 74/ 73      |              |             | 2.6   | 9.4   | 7.       | 3.0  |               |              |              |           |              |         |            | •             |           | 208          | 208      |               | <u>1</u>   |
| 74 71       | i            |             |       | 2.7   |          |      |               |              |              |           | 1            |         |            |               |           | 172          | 172      | -             | 11         |
| 7./ 69      |              |             |       | 3.2   |          |      |               |              |              |           | <del>-</del> |         | - +        | •             | • ·       | īii          | 111      |               | 50         |
| 6 / 67      | • •          |             | 1.6   |       | 1.7      |      |               |              | ·            | 1         | !            |         |            | !             |           | 43           | 43       | -             | 85         |
| 16/ 65      | • 1          | . 4         |       |       | 1.3      |      |               |              |              |           |              |         |            | ·             |           | 34           | 34       |               | 168        |
| : 4/ 53     | • •          | . 2         |       | . 2   |          |      | ! • • •       |              |              |           | i            | ĺ       |            |               |           | 10           | 13       |               | 175        |
| 17/ 61      | <del>+</del> | • 2         |       |       |          |      | <del></del> - | <del></del>  |              | +         |              |         |            | ,             |           | 2            | 2        |               | 117        |
| £ J/ 59 ·   | :            |             |       | ,     | j        |      |               | }            | 1<br>i       | 1         | 1            | }       |            |               |           | _            | ٤.       | 40            | 128        |
| 1 / 57      |              | <del></del> |       |       |          |      | •             |              |              |           | -+-          |         |            | •——           |           |              |          | 16            | 55         |
| 5 1/ 55     |              |             |       |       |          |      |               |              |              | į         |              | ,       |            |               |           |              |          | . 5           | 46         |
| 74/ 53      |              |             |       |       |          |      |               |              |              |           |              |         |            | •             | - •       |              |          |               | 29         |
| 5 2/ 51     |              |             |       |       | :        |      | !             | ļ į          |              |           |              |         |            |               |           |              |          |               | 22         |
| 5 / 49      |              |             |       |       |          |      | !             | <del>-</del> |              |           |              |         |            | •             |           |              |          |               |            |
| 44/ 471     |              | 1           |       |       |          |      | 1             | 1            | 1            | ,         |              |         |            |               |           | i            |          |               | 2          |
| 45/ 45      |              |             |       |       |          |      |               |              |              |           |              | _       |            |               |           |              |          |               | 3          |
| CTAL        | . 2          | 3.7         | 15.8  | 28.7  | 34.0     | 14.4 | 3.1           | - 1          | !            |           | 1            |         |            |               |           |              | 900      | :             | 950        |
|             |              |             |       |       | <u> </u> |      |               |              |              |           |              |         |            | • •           | •         | 900          |          | 956           |            |
| 1           | 1            | į           |       | ٠.    | İ        |      | ì .           |              | 1            | -         |              | !       |            |               |           |              |          |               |            |
|             |              |             |       |       |          |      |               |              |              |           |              |         |            | · · · ·       | •         |              |          | • •-          | _ · · ·    |
| Ì           |              | j           |       |       | 1        |      |               |              | i            |           |              |         |            |               |           |              |          |               |            |
|             | 1            |             |       |       |          |      |               |              |              |           |              |         |            | •             |           | •            |          | · · -         |            |
|             |              | 1           |       |       | i        |      |               |              |              | į         | İ            | i       |            |               |           |              |          |               |            |
|             |              |             |       |       |          |      |               |              |              |           |              |         |            |               |           | •            |          | • • • • •     |            |
|             | i            |             |       |       |          |      | _             |              |              | i         |              |         |            |               |           |              |          |               |            |
|             |              |             |       | 1     |          |      |               |              | i            |           | 1            |         |            | • • • • • • • | - •       |              |          | • •           |            |
|             |              | Ì           |       |       | 1        |      | L 1           | 1            |              |           |              |         |            |               |           |              |          |               |            |
|             |              |             |       |       |          |      | Ţ~. <u></u>   |              |              |           | 1            |         |            | • • • • •     | • .       | • • • •      |          | · · · · · · · | -          |
|             |              |             |       |       |          |      |               |              |              | · · -     | <u>}</u>     |         |            |               |           |              |          |               |            |
|             |              |             |       |       |          |      |               |              |              |           |              |         |            |               |           | -• · ·•      |          | •             |            |
|             |              |             |       |       |          |      |               |              |              |           |              |         |            |               |           |              |          |               |            |
| Element (X) |              | Z X'        |       |       | t X      |      | ¥             | ₹ ×          |              | No. Obs.  |              |         |            |               | <b></b>   | th Temperati |          |               |            |
| Rel. Hum.   |              | 454         | 5972  |       | 633      |      |               | 9.5          |              | 900       | =            | 0 F     | 1 32 F     | - 67 F        |           | # 80 F       | +        | 7             | otol       |
| Dry Bulb    |              | 477         | 6443  |       | 555      | C6   | 72.8          | 3.4          | 37           | 900       |              |         |            | 55.1          | 52.       | 8 2.         | 2        |               | <b>9</b> C |
| Wet Bulb    |              | 397         | 3427  |       | 597      |      |               | 3.6          |              | 900       |              |         |            | 49.0          |           |              |          |               | 3.         |
| Dew Point   |              | 353         | 3864  |       | 562      |      |               | 4.9          |              | 930       |              |         |            | 14.           |           | 1            | 1        | 1             | <b>3</b> C |

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UL MAL CLIMATOLOGY BRANCH UMARETAC AIM WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

17271 LAUES AB AZ STATION NAME \_\_ SEP ... 71-8C <u>វិទីពី១-ទីពិកព</u>

| Dew Point   |              |              | 6816             |             | 557  |     |  | 4.939      |                                  | 900         |  |   | 12.0                                  |                                       | <u> </u>                                      |                  |              | و               |
|-------------|--------------|--------------|------------------|-------------|------|-----|--|------------|----------------------------------|-------------|--|---|---------------------------------------|---------------------------------------|---|------------------|--------------|-----------------|
| Wet Bulb    |              |              | 1277             |             | 585  |     | 65.1   | 3.73       |                                  | 900         |  |   | 37.5                                  |                                       |   |                  |              | 9               |
| Dry Bulb    |              | 4421         |                  |             | 630  |     | 70.1   | 3.25       |                                  | 900         |  |   | 76.4                                  | <del></del>                           | •   |                  |              | 4               |
| Ref. Hum.   |              | <del></del>  | 51 i 8           | <del></del> | 681  | an  |  | 9.024      | <del></del>                      | 900         | ± 0 F  | = 32 F                                  | - 67 F                                | ≥ 73 F                                | - 80 F  | 4 93 F           | T,           | otal            |
| Element (X) | <del>-</del> | 1 m 2        |                  |             | ž x  | - 1 | Ī  |            | 1 No                             | . Obs.      |  |   | Meso No                               | of Hours with                         | Temperati                                     |                  | <del></del>  |                 |
|             |              | ł            |                  | i           |      |     |  |            | }                                |             |  |   | 1                                     |                                       | !   | 1                | 1            |                 |
|             |              |              |                  |             |      |     |  |            |                                  |             | <del> </del>                                     |   | 1                                     | <u> </u>                              |   | i                | ··           |                 |
|             |              |              |                  |             |      |     |  |            |                                  |             |  |   |                                       |                                       |   |                  |              |                 |
|             |              | l            |                  |             |      |     | L l  |            |                                  |             |  | _                                       | 1                                     | 1                                     |   | i                |              |                 |
|             |              | <del>+</del> |                  |             |      |     |  |            |                                  |             | <del>                                     </del> |   | <del></del>                           |                                       | •   |                  | <del>-</del> |                 |
|             |              |              |                  |             |      |     |  |            |                                  | -           |  | 1                                       | 1                                     |                                       |   |                  |              |                 |
|             |              |              |                  |             |      |     | <del>  </del>                                |            | $\longrightarrow \longleftarrow$ | <del></del> | +  |   | <del></del>                           |                                       |   |                  | <u>-</u>     |                 |
|             |              |              |                  |             |      |     |  |            | }                                | ļ           |  | }                                       | 1                                     | 1                                     |   | i                | i            |                 |
|             |              |              |                  |             |      |     | L  |            | $-\downarrow$                    |             |  |   | <del></del> 1_                        | <u> </u>                              | ·   |                  | <del></del>  |                 |
|             |              |              |                  |             |      |     |  |            |                                  |             |  |   |                                       |                                       |   |                  | -            |                 |
|             | į            | İ            |                  | _           | _ }  |     | L _ l  |            |                                  | İ           | L _ l  |   | 1                                     |                                       | 1   | :                | !            |                 |
|             |              |              |                  |             |      |     |  |            |                                  |             | <del> </del>                                     | · — · · · · · · · · · · · · · · · · · · | :                                     |                                       | , <u>, , , , , , , , , , , , , , , , , , </u> | •                | <u> </u>     |                 |
| '"L         | • 4          | · • •        | 7 0 7            | J J 4 4     | 4701 | ₹.0 | • 4  | . 1        | 1                                | į           | 1  |   |                                       |                                       | 930   | , 5 3            | 900          | 71              |
| TAL         |              | P - 1        | 34.0             | 27.4        | 19.7 | 4.6 | .1   |            |                                  | <del></del> | <del> </del>                                     | <del></del>                             | <del></del>                           | <del></del>                           | ·   | 900              |              | 9               |
| ·/ 47       | 1            | Ì            | j                |             | . }  |     |  | }          | 1                                | ļ           |  | 1                                       |                                       |                                       |   |                  |              |                 |
| ./ 49       |              |              |                  |             |      |     | ļ  |            |                                  |             |  |   |                                       |                                       | · ·   |                  |              |                 |
| 2/ 51       | 1            | }            | 1                | I           | İ    |     | :  | İ          |                                  |             |  | ļ                                       |                                       |                                       |   |                  |              | 4               |
| 4/ 53       |              | i            |                  | ·           |      |     |  |            |                                  | <u> </u>    | -  |   |                                       |                                       | • •   |                  |              |                 |
| 50/ 55      |              |              |                  |             |      |     |  | i          |                                  |             |  |   |                                       |                                       |   |                  | 20           | -               |
| 1 57        | }            | i            | • 1              |             |      |     |  |            |                                  | . (         |  |   |                                       |                                       |   | J                | 23           | - (             |
| 5/ 59       | <del></del>  |              | . 4              | • 2         | • •  |     |  |            | <del>-</del>                     |             | <del>  -</del>                                   |   | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | 6:  | 6                | 68           | 1               |
| 2/ 61       |              | -            | . 3 <sub>1</sub> |             | 1    | . 4 |  | i          |                                  |             |  |   |                                       |                                       | 12  | 12               | 86           | 1.              |
| 6/ 65       | +            |              |                  | 2.7         | 1.4  | . 4 |  |            |                                  |             | <del></del>                                      |   |                                       |                                       | <u>66</u><br>52                               | 66<br>5 <i>2</i> | 166<br>158   | $\frac{1!}{1!}$ |
| / 67        | ļ            |              |                  |             | 3.1  |     |  | 1          |                                  | ì           |  |   | 1                                     |                                       | 119   | 119              | 235          |                 |
| / 69        | - 1          |              |                  |             | 3.8  |     |  |            |                                  |             |  |   |                                       |                                       | 219.  | 219.             | 97.          | - 4             |
| 21 71       |              |              |                  |             | 4.6  |     |  | i          |                                  | i           |  |   |                                       |                                       | 194   | 194              | 39           |                 |
| 4/ 73       |              | 1.1          | 4.4              | 9.2         | 1.8  | • 3 | <u>.                                    </u> |            |                                  |             |  | · · ·                                   | - <b>.</b>                            |                                       | 152   | 152              | 4.           |                 |
| 11 75       |              | • 2          |                  |             | 1.6  | • 1 | •—•  |            |                                  |             |  | 1                                       |                                       |                                       | 56  | 56               |              |                 |
| 7 / 77      |              |              | . 1              | 1.5         |      |     | 1  |            |                                  |             | 1  | 1                                       |                                       |                                       | 20  | 20               |              |                 |
| / 79        |              |              |                  | • 1         | • 2  | • 1 |  | 13 . 14 13 | - 10 17 -                        | 18 17 . 20  | 21.22.23   |   | . 27 . 28 . 27                        | - 30                                  | `   | ., 50 5          |              | _               |
| (F)         | 0            |              |                  |             |      |     |  |            |                                  |             |  |   | 6 27 - 28 29                          |                                       |   |                  |              |                 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUMAL CLIMATOLOGY BRANCH LDAFETAC ATR WEATHER SERVICE/MAC

| Element (X)  |  |     |       |         |              |       |             |          |            |           |               |  |              |              |               | PAGE                                  | 1            | 2106        | - 2 3 L ( |
|--|--|-----|-------|---------|--------------|-------|-------------|----------|------------|-----------|---------------|--|--------------|--------------|---------------|---------------------------------------|--------------|-------------|-----------|
| Total   Tota   |  |     |       |         |              |       | WET         | BULB T   | EMPERAT    | JRE DEPR  | ESSION        | ( <b>F</b> )                                       |              |              |               | TOTAL                                 |              | TOTAL       |           |
| 76/ 75   |  | 0   | 1 - 2 | 3 - 4   | 5 - 6        | 7 - 8 | 9 - 10      | 11 - 12  | 13 - 14 15 | 16 17 - 1 | 8 19 - 20     | 21 - 22 23   | - 24 25 - 26 | 27 - 28 29   | - 30 ≥ 31     | D.B. W.B. [                           | bry Bulb     | Wet Bulb    | Dew Po    |
| Total   Tota   |  | į   | į     |         |              | 1     |             | 1        | i          | 1         | i             | 1  | i            | 1            |               | 4                                     | 4            |             |           |
| 7.27 71  |  |     |       |         |              |       | • 1         |          |            |           |               | <del></del>  |              | <u>.</u>     |               |                                       |              |             |           |
| 7 // 69  | - 1  |     |       |         |              |       |             | l i      | 1          | 1         | 1             | j j  |              |              |               | -                                     |              |             |           |
| 172   172   175   176   176   177   178    |  | . 1 |       |         |              |       |             |          |            | i         |               |  |              |              |               |                                       |              |             |           |
| Element (X)  | and the second s | į   |       |         |              |       |             |          |            | İ         |               |  | :            |              |               |                                       |              |             | 4         |
| Element (X)  |  |     |       |         |              |       | • 2         | l        |            |           | <u> </u>      |  |              |              |               |                                       |              |             |           |
| Element (X)  |  | • 3 |       |         |              |       |             |          |            | 1         | 1             | 1  |              |              |               |                                       |              |             | 16        |
| Element (X)  | - 4/ 63  |     |       |         |              |       | _ 3         |          |            |           |               | 1  |              | 1            |               | 75                                    | 75           | 159         | 17        |
| Element (X)  Ext.  |  | • 1 |       |         |              | • 3   |             | , ,      |            | i         | 1             |  |              | '            |               | 44                                    | 44           | 111         | 11        |
| Element (X)  Zx'  Zx   |  |     |       |         |              |       |             |          |            |           | <del></del>   | <u> </u>   |              |              |               | 24                                    |              |             | 11        |
| Element (X)  Eleme | 1  | i   | - 1   | • 9     |              |       |             | ] [      |            |           | 1             |  |              |              |               | 9                                     | 9            | _           |           |
| Element (X)  |  |     |       |         |              |       |             | <u> </u> |            |           |               | 1  |              | 1 1          |               |                                       |              |             |           |
| Element (X)  |  | j   | l j   |         |              |       |             | l i      | ĺ          |           |               | ĺ  |              |              |               |                                       |              | 8           | 3         |
| Element (X)  |  |     |       |         |              |       |             | L        |            |           | <del></del>   |  |              |              |               | <u> </u>                              |              |             | 31        |
| Elament (X)  |  |     | ĺ     | i       |              |       |             | ; (      | ĺ          | 1         |               |  |              |              |               |                                       |              |             | 1         |
| Element (X)  |  |     |       |         |              |       |             |          |            |           |               | 1  |              |              |               | ·                                     |              |             |           |
| Elament (X)  |  |     |       | !       |              |       |             | 1        |            | 1         | 1             | 1 1  |              |              |               |                                       |              |             | ;         |
| Element (X)  | TAL  | 1.0 | 21.9  | 43.3    | 22.7         | 9.9   | 1.2         | • 1      |            |           | <del></del>   | <del>  _   _   _   _   _   _   _   _   _   _</del> |              |              |               |                                       | 950          |             | )ن 9      |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | {  | į   |       | j       |              |       |             | 1        | 1          | - 1       | Ì             |  | i            |              |               | 900:                                  |              | 900         |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  |  |     |       |         |              |       |             |          |            |           |               |  |              | <b>-</b>     |               | •i-                                   |              |             |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | İ  | 1   | li    | !       |              |       |             | 1 1      |            |           |               | 1  |              |              |               | :                                     |              | 1           |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  |  |     |       |         |              |       |             |          |            |           |               | <del>                                     </del>   |              |              |               | ·                                     |              | <u> </u>    |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | i  |     |       |         |              |       |             | i l      | }          |           | 1             |  | }            |              |               |                                       | i            |             |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  |  |     |       |         |              |       |             |          |            |           |               | ļ  |              | <u>i</u> -   |               | :<br>•                                |              |             |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | i  |     | 1     |         |              |       |             |          | -          | ļ         | }             | 1  |              |              | :             |                                       |              | į.          |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  |  |     |       |         |              |       |             |          |            |           | <del></del> - | 1  |              | <del></del>  |               | ·                                     |              | <u> </u>    |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | ì  |     | 1     |         | }            |       |             |          |            | İ         |               |  | 1            |              |               | · ;                                   |              |             |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | i  |     |       |         | i            |       |             | <b> </b> |            |           | <u> </u>      | <del>                                     </del>   |              | <del> </del> |               | ·<br>                                 |              | ·<br>•      |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | :  |     |       |         |              |       |             | 1 1      | }          | İ         | i             |  |              | 1            | 1             |                                       |              |             |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  |  |     |       |         |              |       |             | <b> </b> |            |           | <del></del>   | 1  |              | <u> </u>     |               | ;<br>•                                |              | <u></u>     |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | 1  |     |       |         | }            |       |             | ) )      | )          |           | j             |  |              | j            |               |                                       |              | ı           |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  |  |     |       |         |              | ļ     |             |          |            |           | <del></del>   |  |              | 1 1          |               | · · · · · · · · · · · · · · · · · · · |              | ·<br>       |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  |  |     |       |         |              |       |             | ] ]      |            |           | i             |  | į            |              |               | 1 i                                   |              |             |           |
| Rel. Hum. 5824560 71952 79.9 8.964 900 ±0F ±32F ±67F ±73F ±80F ±93F Total  Dry Bulb 4204664 61452 68.3 3.765 900 63.0 10.4 9  Wet Bulb 3737267 57885 64.3 3.988 900 30.6 .5  | Florent (X)  |     | Zvi   |         |              | Ž     | <del></del> | -        |            | No. C     | )be           | 4  |              | Mean No      | of House mist | Temperatu                             |              | ·           |           |
| Dry Bulb 420664 61452 68.3 3.765 900 63.0 10.4 9 Wer Bulb 3737267 57885 64.3 3.988 900 30.6 .5   |  |     |       | 4 F 4 O |              |       | E 3         |          |            |           |               | 10 F   | 4 32 E       | <del></del>  |               | ,                                     | <del></del>  | F 7         |           |
| Wer Bulb 3737267 57885 64.3 3.988 900 30.6 .5  |  |     |       |         |              |       |             |          |            |           |               | = 0 F  | 1 34 5       | <del></del>  | +             |                                       | 7 73 1       |             |           |
|  |  |     |       |         | <u> </u>     |       |             |          |            |           |               | <del></del>  | <del> </del> |              |               |                                       | <del> </del> | <del></del> | 9         |
|  | Dew Point  |     |       |         | <del> </del> |       |             |          |            |           |               | <del></del>  | <del> </del> |              |               |                                       | +            |             | 9         |

|   | PREVIOUS ED |
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SELEAL CLIMATOLOGY BRANCH L AFETAC ATH WEATHER SERVICE/MAC

1721 LAJES AR AZ STATION NAME

# **PSYCHROMETRIC SUMMARY**

|            |     |              |          |          |  |        |         |            |         |                 |              |              |            |               | PAGE        |  | HOLFS I  | . 5. ·.     |
|------------|-----|--------------|----------|----------|--|--------|---------|------------|---------|-----------------|--------------|--------------|------------|---------------|-------------|--|----------|-------------|
| Temp.      |     |              |          |          |  |        |         |            |         | E DEPRESSION    |              |              |            |               | TOTAL       |  | TOTAL    |             |
| (F)        | 0   | 1 - 2        | 3 - 4    | 5 - 6    | 7 - 8  | 9 - 10 | 11 - 12 | 13 - 14    | 15 - 16 | 17 - 18 19 - 20 | 21 - 22 23   | - 24 25 - 26 | 27 - 28 29 | - 30 - 31     | D.B. W.B. [ | Dry Bulb                               | Wet Bulb | Dew P       |
| 27 81      |     |              |          | . 1      |  |        |         |            |         |                 | 1            |              |            |               | 43          | 43                                     |          |             |
| 1 79       |     |              | ł        | • 5      | • 3  | . 4    | • 1     | <u> </u>   |         |                 | <u> </u>     | <u> </u>     |            |               | 101         | 101                                    |          | _           |
| 7 1/ 77    | • 0 |              | . 1      | 1.6      | 2.1  | . 6    | • 2     | • 0        |         | 1               |              | ·            |            |               | 335         | 335                                    | 1        |             |
| 74/ 75     |     | • 3          | 1.4      | 3.8      | 3.0  | . 6    | • 2     | • [0]      |         | L               | ·            |              |            |               | 659         | 659                                    | 5.       | _           |
| 74/ 73     | • € | .6           | 2.5      | 6.0      | 2.7  | 1.2    | . 3     | • C        |         |                 | . [          |              |            |               | 964         | 964                                    | 89       |             |
| 72/ 71     | • 1 | 1.3          | 7.7      | 3.6      | 3.0  | 1.1    | • 2     |            |         | 1               |              |              |            |               | 1189        | 1189                                   | 353      |             |
| 7 1/ 69    | • 1 | 4.1          | 7.7      | 3.5      | 2.3  | 1.0    | . 1     | 1          |         |                 |              |              |            |               | 1349        | 1349                                   | 868      | 3           |
| 63/ 67     | • 1 | 1.2          | 5.2      | 2.2      | 2.2  | . 7    | . 0     |            |         | <u></u> L       | !            |              |            |               | 834         | 834                                    | 1599     | 6           |
| 6/ 65      | • 1 | 3.6          | 2.3      | 1.8      | 1.1  | • 2    | • 1     |            |         |                 |              | •            | ,          |               | 605         | 665                                    | 1252     | 11          |
| 4/ 63      | • 3 | 3.0          | 1.9      | 1.6      | . 8  | • 2    |         |            |         | <u> </u>        |              |              |            |               | 560:        | 560                                    | 1168     | 15.         |
| 62/ 61     | • 0 | 1.3          | 1.5      | . 8      | • 3  |        |         |            |         |                 |              |              |            |               | 287         | 287                                    | 759      | 9           |
| 59         | • 0 | 1.1          |          |          |  |        |         |            |         |                 |              |              | <u>. i</u> |               | 159         | 159                                    | 549      | 19          |
| 3/ 57      | • 0 |              |          |          |  |        | -       |            |         |                 |              |              |            |               | 42          | 42                                     | 342      | 5           |
| 50/ 55     |     | • 0          | .1       | <u></u>  |  |        |         |            |         |                 |              |              |            |               | 8           | 9                                      | 164      | 4           |
| -4/ 53     |     |              | • 1      |          |  |        |         |            |         |                 |              |              | , .        |               | 4           | 4                                      | 41       | 2           |
| 2/ 51      |     |              |          | l        |  |        |         |            |         |                 |              |              | 1          |               |             |  | 5.       | 2           |
| 1/ 49      |     |              |          |          |  |        |         |            |         |                 |              |              |            |               |             |  | 4        |             |
| 13/ 47     |     |              |          |          |  |        |         |            |         |                 |              |              | <u> </u>   |               |             |  |          |             |
| 45/ 45     |     |              |          |          |  |        |         |            |         |                 |              | 1            |            |               |             |  |          |             |
| TAL        | • 9 | 16.7         | 31.0     | 25.7     | 18.1   | 6.3    | 1.3     | . 1        |         | 1 1             |              | i            |            | !             |             | 7199                                   | 1        | 71          |
|            |     |              |          |          | Ì  |        |         |            |         |                 |              |              |            |               | 7199        |  | 7199     |             |
|            |     |              |          |          |  |        |         |            |         | 1 1             |              |              |            |               | 1           |  |          |             |
|            |     |              |          | ļ        |  |        |         |            |         |                 |              |              | , i        |               |             |  | ,        |             |
|            |     |              |          |          |  |        |         |            |         |                 |              |              | 1. 1       |               |             |  | i        |             |
| ĺ          |     |              |          |          | í í  |        | 1 1     |            |         |                 |              |              | i i        |               | 1           |  |          |             |
|            |     |              |          |          |  |        |         |            |         | 1 1             |              |              |            | i             |             |  | !        |             |
|            |     |              |          |          |  |        |         |            |         |                 |              |              |            |               |             |  |          |             |
|            |     |              |          |          |  |        | 1       |            |         |                 |              |              |            |               |             |  |          |             |
|            |     |              |          |          |  |        |         | i          |         |                 |              |              |            | 1             |             |  |          |             |
|            |     |              |          |          |  |        |         |            |         |                 |              |              |            |               |             | i                                      | i        |             |
|            |     |              |          |          |  |        |         |            |         |                 |              |              |            |               |             | ,<br>i                                 |          |             |
|            |     |              | L        | L        |  |        |         |            |         |                 | 1            |              | L          |               |             |  |          |             |
| Ī          |     |              |          |          |  |        |         |            |         |                 |              |              |            | i             |             |  |          |             |
| 1 (9)      |     | Z×2          | <u> </u> | <u> </u> | <u>.                                    </u> |        |         |            |         | 11. 01.         | <u> </u>     |              | 1 1        | 111           | بنا         | i                                      |          |             |
| lement (X) |     |              | 33:5     |          | z <sub>X</sub>                               | . =    | X       | <b>"</b> x | _       | No. Obs.        |              | 1            |            | of Hours with |             |  |          |             |
| ry Bulb    |     | <u>4304</u>  |          |          | 5515   |        |         | 10.48      |         | 7199            | ± 0 F        | ± 32 F       | ≥ 67 F     | ≥ 73 F        | → 80 F      | ● 93 F                                 | <u> </u> | 0101        |
| fet Bulb   |     | 3517         |          |          | 5321   |        | 69.8    |            | _       | 7199            |              | <del> </del> |            | 210.2         | 4.8         | ·                                      |          | 7           |
| ew Point   |     |              | 0610     |          | 4674   |        |         | 4 - C6     |         | 7199            | <del> </del> | <del> </del> | 291.5      |               |             | -                                      |          | <u>_7</u> . |
| VAM LOINT  |     | <u> 2778</u> | 1590     | <u> </u> | 4457   | 841    | 61.9    | 4.96       | 131     | 7199            | L            | L            | 101.4      | 5             | <u> </u>    | ــــــــــــــــــــــــــــــــــــــ |          |             |

71-80

**OBSOLETE** THIS FORM

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PREVIOUS EDITIONS 4 ಠ 'n 8 ó

Dew Point

3136728

SECRAL CLIMATOLOGY BRANCH GCAFETAC ATA MEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

LAJES AR AZ - 00T 71-80 STATION NAME 0000-0000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3-4 5-6 7-8 9-10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 1 74/ 73 . 1 1 721 71 .3 2.6 45 1.8 -- <sub>3</sub> / 69 1.6 8.0 1.7 108 108 3 . 8 95 95 € 8/ 67 52 .2 1.6 6.0 1.6 7.2 4.8 2.2 • 5 139 138 132 60 · 6/ 6.5 • 1 7.7 5.2 8.5 1.9 64/ 63 2.2 . 6 245 245 143 168 52/ 61 .5 3.2 2.4 4.7 117 117 146 122 1.4 1 7 59 .5 2.4 3.5 2.7 101 97 149 101 . 5 5 9/ 57 .6 1.8 28 28 113 72 97 56/ 55 2.3 32 32 70 • 5 71 ° 4/ 53 10 10 78 5 27 51 7 31 60 .8 7 40 50/ 49 • 3 10 4 :/ 47 34 2 ! 45/ 45 44/ 43 13 42/ 41 8 4 7 39 930 TOTAL 3.527.536.624.4 5.0 1.7 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature = 67 F = 73 F = 80 F = 93 F Rel. Hum. 6096274 74648 PC-310-607 930 ≤ 0 F ± 32 F 64.1 4.338 60.5 4.768 Dry Bulb 930 24 .9 59640 43 3842134 Wet Bulb 3422971 56247 930 8 .8

930

57.8 5.951

53744

ETAC FORM 0.26-3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X) Rel. Hum.

Dry Bulb

Wer Bulb

Dew Point

3

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|---|----|------------|-----|-------|---------|--------|
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| Δ | I  | <b>}</b> - | "EA | THER  | SERVICE | /MAC   |

LAJES AB AZ

STATION NAME

74610

59319

55918

53401

60.210.808

63.8 4.454

60-1 4-884

57.4 6.071

6094168

3802027

3384336

3100551

### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F

22.4

9.2

YEARS

\_\_\_\_\_OC.T

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dem Poin (F) 74/ 73 • 5 5 5 72/ 71 33 2 7~/ 69 93 93 .1 2.4 6.3 1.1 6 4/ 67 4.8 1.4 93 93 86 75 133 66/ 65 .5 5.7 5.6 1.6 133 108 1.3 247 139 63 7.8 6.6 8.0 247 121 61 1.1 2.9 3.9 4 . 0 135 135 161 97 1 59 3.4 104 3.0 104 110 5 5/ 57 1.3 1.1 28 120 66 • 5 5 3/ 55 77 1.4 89 = 4/ 53 . 4 12 12 63 85 5 2/ 51 • 6 37 67 13 17 5 / 49 49 • 1 1 4 3/ 47 33 46/ 45 32 44/ 43 9 11 42/ 41 40/ 39 TOTAL 930 930 3.927.336.921.6 8.9 1.2 930 930

No. Obs.

930

930

930

71-80

GLUPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

| 7 2:.1       | LAJES AB A               | Z STATION NAME                                   |                        | 71-80              |  | YEAR           |             |                  |              |                   |                      |          |
|--------------|--------------------------|--|------------------------|--------------------|--|----------------|-------------|------------------|--------------|-------------------|----------------------|----------|
| J J.         |                          | J. H. IQH HAME                                   |                        |                    |  |                | -           |                  | PAGE         |                   | 0600-0<br>Halas IIIs | ) A      |
| <del></del>  | <del></del>              |  | T BULB TEMPERATU       | DE DEDDESSION      | (5)  |                |             |                  | TOTAL        |                   | TOTAL                | <u>·</u> |
| Temp.<br>(F) | 0 1-2 3-4                | 5-6 7-8 9-1                                      | 0 11 - 12 13 - 14 15 - | 16 17 - 18 19 - 20 | 21 - 22 23                                       | - 24 25 - 26 2 | 7 - 28 29 - | 30 * 31          | D.B. W.B.    | bry Bulb          | Wet Bulb Des         | <br>•    |
| 74/ 73       | 2 .3                     | <del></del>                                      |                        |                    |  |                |             |                  | 7            | 7                 | • •                  |          |
| 7./ 71       | .3 1.9                   | .8 .2  |                        |                    |  |                |             |                  | 30           | 30                |                      |          |
| 7 1/ 69      | .1 1.9 6.3               |  |                        |                    | 1  |                |             |                  | 99           | 99                | 16                   |          |
| 63/ 67       | .6 1.0 4.7               |  |                        |                    | -  | ;              |             |                  | 78.          | 78                | 59.                  | _        |
| 6/ 65        | .9 6.6 4.9               |  |                        |                    |  |                |             |                  | 156          | 156               | 114                  |          |
| - 4/ 63      |                          | 7.6 2.0 1.                                       |                        |                    | <del></del>                                      |                |             |                  | 227          | <u>227</u><br>140 |                      | _1       |
| 52/ 61       | .9 3.0 4.3<br>.5 2.6 3.0 |  |                        | Ì                  |  |                | i           |                  | 100          | 100               | -                    |          |
| 5 1/ 57      | 1 1.1 1.6                |  | <del></del>            | <del></del>        | <del> </del>                                     | <del></del>    |             |                  | 30.          | 30                | 123                  |          |
| 56/ 55       | .3 .9 1.0                |  |                        |                    |  |                |             |                  | 24           | 24                | 91                   |          |
| - 4/ 53      | .3 1.0 1.0               |  |                        | 1 1                |  |                |             |                  | 22           | 22                | 67                   |          |
| ° 27 51      | .1 .2 .5                 |  |                        | _!                 |  |                |             |                  | 6            | 8                 | 38                   |          |
| 5.7 49       | • 3                      |  |                        |                    |  | Ī              |             |                  | 3.           | 3                 | 18                   |          |
| 4:/ 47       | .5                       |  |                        |                    |  | _ <del></del>  |             | _ <del>i</del>   | 5            | 5                 | 7                    | _        |
| 4 -/ 45      | • 1                      |  |                        | 1                  |  |                |             |                  | 1:           | 1                 | 5                    |          |
| 44/ 43       |                          | <del>                                     </del> |                        | ++                 |  | <del></del>    |             |                  |              |                   | 1                    | _        |
| 43/ 39       |                          |  |                        |                    | i  | i i            |             |                  | ;            |                   |                      |          |
| CTAL         | 5.126.535.3              | 23.2 8.1 1.                                      | 0                      | ++-                | <del>                                     </del> | <del></del>    |             |                  |              | 930               | ·                    | •        |
|              | 711003555                |  | 1                      | ]                  |  | 1              |             |                  | 930          | . 50              | 936                  |          |
|              |                          |  |                        |                    |  |                |             |                  | -            |                   |                      |          |
|              |                          |  |                        |                    | 1  |                |             |                  |              |                   |                      | -        |
|              |                          |  |                        |                    |  |                | 1           |                  |              |                   | ,                    |          |
|              |                          | <del>  </del>                                    |                        |                    | <del>                                     </del> |                |             | <del></del>      | <u> </u>     |                   |                      | _        |
|              |                          |  |                        |                    |  |                |             | 1                | . !          | 1                 | 1                    |          |
|              |                          | <del></del>                                      | ++                     |                    | +  |                |             | +                |              |                   |                      |          |
| i            |                          |  |                        |                    | 1 1  |                |             | 1                |              | ;                 | į                    |          |
|              |                          | <del>   </del>                                   | +                      |                    | <del>  -</del>                                   |                | -           | - <del>;</del> - |              |                   |                      | -        |
|              | }                        |  |                        |                    |  |                |             | i i              | : :          | j                 | 1                    |          |
|              |                          |  |                        |                    |  |                | <del></del> | •                | <del> </del> |                   |                      |          |
|              |                          |  |                        |                    |  | 1 1            | i           | <del></del>      |              |                   |                      | _        |
|              |                          |  |                        |                    |  |                |             |                  | · ī          | -                 |                      |          |
| Element (X)  | Zx'                      | Σχ   | X P                    | No. Obs.           | <del>                                     </del> | <del></del>    | Aean No. of | Hours with       | Temperatu    |                   |                      |          |
| Rel. Hum.    | 6C73175                  |  | 80.111.029             | 930                | = 0 F  | ± 32 F         | ≥ 67 F      |                  | ≥ 80 F       | ≥ 93 F            | Total                | a i      |
| Dry Buib     | 3795986                  |  | 63.7 4.540             | 930                |  |                | 21.4        | . 7              |              |                   |                      |          |
| Wet Bulb     | 3376055                  | <del></del>                                      | 60.0 4.938             | 930                |  |                | 7.7         |                  |              |                   |                      | _        |
| Dew Point    | 3087631                  | 53283  | 57.3 6.126             | 930                |  |                | 2.9         |                  |              |                   |                      | _        |

USAFETAC FORM O. 26.3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUMAL CLIMATOLOGY BRANCH CSAMETAC ATH WEATHER SERVICE/MAC 17291 LAJES AB AZ

# **PSYCHROMETRIC SUMMARY**

1 7 2 11 LAUES AB AZ 71-80 OCT STATION NAME VEARS PAGE 1 0900-1100

| Wet Bulb<br>Dew Point |     | 361   | 4313         |       | 578        | 31     | 62.2     | 4.4            | 21      | 9       | 30       |            |              | 16.2         |                  | 1                        |             |           | 9              |
|-----------------------|-----|-------|--------------|-------|------------|--------|----------|----------------|---------|---------|----------|------------|--------------|--------------|------------------|--------------------------|-------------|-----------|----------------|
| Dry Bulb              |     |       | 8331<br>8641 |       | 693<br>624 |        | 67.2     | 3.7            |         |         | 30<br>30 | - v r      | 327          | 48.3         | +                | <del></del>              | - 73 [      |           | 9              |
| Element (X)           |     | Σχ'   | 0.7.7.       |       | 2 x        |        | 7        | * <sub>R</sub> | 20      | No. Ob  |          | 2 0 F      | ± 32 F       | Mean No.     | of Hours         | vith Temperatu<br>→ 80 F | • 93 F      |           | otal           |
|                       |     |       |              |       |            |        |          |                |         |         |          |            |              |              |                  |                          |             |           |                |
|                       |     |       |              |       |            |        |          |                |         |         |          |            |              |              |                  |                          |             |           | -              |
|                       |     |       |              |       |            |        |          |                |         |         |          |            |              | +            |                  |                          |             | <u>i</u>  |                |
|                       |     |       |              |       |            | 1      |          |                |         |         |          |            |              |              |                  |                          |             |           | <del>_</del>   |
|                       |     |       |              |       |            | L      | ļ        |                |         |         |          |            |              |              |                  |                          |             |           |                |
|                       |     |       |              |       |            |        |          |                |         |         |          |            | _            | -            |                  | 930                      |             | 930       |                |
| TAL                   | 1.3 | 13.5  | 31.0         | 28.5  | 16.6       | 7.7    | 1.3      | • 1            |         |         |          |            | <u> </u>     | <u> </u>     |                  |                          | 930         |           | ç              |
| 4/ 43                 |     |       |              |       |            |        | <u> </u> |                |         |         |          |            |              | <del></del>  | <del>- i</del> - |                          |             |           |                |
| 6/ 45                 |     |       |              |       |            |        |          |                | ·       |         |          |            |              | 1 1          | <u> </u>         |                          | <del></del> |           |                |
| 1/ 49                 |     | - 1   |              |       |            |        |          |                |         | -       |          |            |              |              |                  | <u>_</u>                 |             |           |                |
| 4/ 53<br>2/ 51        |     |       |              |       |            | ,      |          |                |         |         |          |            |              |              |                  | 1                        |             | 3.7       |                |
| -/ 57  <br>6/ 55      | • 1 | • 6   | • 2          | • 1   |            |        |          |                |         | į       |          |            | :<br>:       | 1 1          |                  | 10                       | 10          | 104<br>59 |                |
| ./ 59                 | - 1 | 3     | .6           | 1.6   | • 5        |        |          | 1              |         | -       |          |            | <del>i</del> | <del></del>  |                  | 31.                      | 31          | 141       | 1              |
| 4/ 63<br>2/ 61        | • 3 |       | 3.0          |       |            | 1.5    |          |                |         | -       |          |            | <del>i</del> | <del> </del> | <del></del>      | 150<br>67                | 150         | 141       | $-\frac{1}{1}$ |
| 6/ 65                 | • 3 | 4.1   | 4.3          | 5.6   | 4.6        | . 9    | . 4      |                |         | •       |          |            |              | ,            | ·····            | 188                      | 188         | 164       |                |
| 4/ 67                 | . 3 | 2.2   | ì            |       | 3.3        |        | -1       |                |         |         |          |            |              |              |                  | 170<br>127               | 170<br>127  | 49<br>99  |                |
| 2/ 71                 |     | 1.0   | 4.5          | 3.4   | 1.4        | 1.5    | • 2      |                |         |         |          |            |              | <b></b> .    |                  | 107                      | 107         | 13        |                |
| 6/ 75                 |     | . 9   | 2.0          |       |            |        |          |                |         | -       |          |            |              | <del></del>  |                  | <u>14.</u><br>64         | 64          |           |                |
| 27 77                 |     |       | . 1          |       |            |        | <u> </u> | ,              |         |         |          |            |              |              |                  | 1                        | 1           |           |                |
| (F)                   | 0   | 1 - 2 | 3 - 4        | 5 - 6 | 7 - 8      | 9 - 10 | 11 - 12  | 13 - 14        | 15 - 16 | 17 - 18 | 19 - 20  | 21 - 22 23 | . 24 25 - 26 | 5 27 - 28 29 | - 30 + 3         | 1 D.B. W.B. (            | Dry Bulb V  | Ver Bulb  | Dew I          |

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| عا ذ | ٦  | AL | CLIM  | ATCLOCY | BRANCH |
|------|----|----|-------|---------|--------|
| رک ز | ۵F | ΕT | A C   |         |        |
| a I  | F  | ď€ | ATHER | SERVICE | E/MAC  |

| 7 201        | LAJE        | SAB   | _A 2   | <u>:</u> |          |             |  |              |              | 71-80  |              |              |  |               |  |         | Of                                     | C T     |
|--------------|-------------|-------|--------|----------|----------|-------------|--|--------------|--------------|--|--------------|--------------|--|---------------|--|---------|--|---------|
| STATION      |             |       |        | 51       | ATION N  | AME         |  |              |              |  |              | Ψ,           | E ARS  |               | PAGE   |         | 1230                                   | -140    |
|              |             |       |        |          |          | wer         |  |              | A 711D       | E DEPRESSION                                     |              |              |  |               |  |         | TOTAL                                  | . S. T. |
| Temp.<br>(F) | 0 1         | 2 3 - | 4      | 5 - 6    | 7 - 8    | 9 - 10      | 11 - 12  | 13 - 14      | 15 - 16      | 17 - 18 19 - 2                                   | 0 21 - 22 23 | - 24 25 - 26 | 27 - 28 29 -                                       | - 30 * 31     | TOTAL<br>D.B. W.B. D                             | ry Bulb | Wer Bulb                               | Dew P   |
| 7 / 17       |             |       |        | • 6      |          |             | <del></del>                                      |              |              | · · · · · · · · · · · · · · · · · · ·            |              |              | 1  |               | 11   | 11      |  |         |
| 76/ 75       | }           | į     | . 8    |          | 2.2      | . 5         | . 3  | ļ            | i            | 1  |              |              | 1  |               | 56   | 56      |  |         |
| 74/ 73       |             | • 5 1 |        |          |          | • 5         | . 4  |              | 1            |  |              |              |  |               | 98   | 98      |  |         |
| 72/ 71       | 1           | . 1 4 | • 5    | 5.5      | 4.4      | 1.9         |  | l<br>I       |              |  | 1            |              |  |               | 162  | 162     |  |         |
| 7./ 69       |             |       |        |          |          | 2.9         | • 3  | • 2          | i .          |  |              | ,            |  |               | 180  | 180     | 63                                     |         |
| 5 5/ 67      | 1           | •6 3  | • 0    | 2.0      | 4.D      | 2.9         | .6   | Ĺ            | <u> </u>     |  |              |              | ·  |               | 132  | 132     | 151                                    |         |
| 6/ 65        |             | . 3   |        |          |          |             | 1  | 1            | į            |  |              | 1            | 1  |               | 149  | 149     |  |         |
| 4/ 63        | • 3 1       |       |        |          | 1.8      |             |  | <u></u>      | ļ            | -  |              |              |  |               | 79   | 79      |  |         |
| 62/ 61       |             | - /   | • 9    |          | 2.5      | • 5         |  | ;            | ļ            | 1  | 1            | i            |  |               | 49   | 49      |  |         |
| 3/ 59        |             |       | • 2    | • 3      |          |             | <u> </u>   |              | ļ            | <del>                                     </del> |              |              | <del></del>  | <del></del>   | 12   | 12      |  |         |
| ./ 57        |             | 1     | • 1    | )        |          |             |  |              |              |  |              | į            |  |               | 1,   | 1       | 77                                     |         |
| 56/ 55       | <del></del> |       | -      |          |          |             | -  |              | <del> </del> | <del> </del>                                     |              |              | 1  |               | ·  |         | . 45                                   |         |
| 4/ 53        |             | 1     |        | 1        |          |             | 1  | !<br>        |              |  | i            | į            |  |               |  |         | 34                                     |         |
| 2/ 51        |             |       |        |          |          |             | <del> </del>                                     |              |              | +  |              | - +          | <del></del>  |               |  |         | · <u>1</u> .                           |         |
| +8/ 47       |             | ļ     | ļ      | Ì        |          |             |  | 1            |              |  |              |              | ,  |               | 1  |         |  |         |
| 46/ 45       |             |       | -      |          |          |             |  | <del> </del> |              | ++   | <del> </del> | <del></del>  | <del>  </del> -                                    |               | ·  |         | · •                                    |         |
| 44/ 43       | ļ           |       |        |          |          |             |  |              | Ì            |  | 1 1          |              | 1  | !             |  |         |  |         |
| 42/ 41       |             |       |        |          |          |             | <del>                                     </del> | <del> </del> |              | <del>                                     </del> | -            |              | <del></del>  |               | <del> </del>                                     |         |  |         |
| CTAL         | -4 8        | .821  | - 4/2  | 5.6      | 28.3     | 12.5        | 2.7  | .2           |              | 1 1  |              | -            |  | 1             |  | 929     |  | 9       |
|              |             | -     |        |          | <u> </u> |             | 1  |              |              |  |              | 1            | <del></del>  | <del></del>   | 929  |         | 929                                    |         |
| }            |             |       | 1      |          |          |             | 1  | 1            |              |  | j            | 1            | į,   |               |  |         |  |         |
|              |             |       |        |          |          |             |  |              |              |  |              |              |  | :             |  |         |  |         |
|              | _ l _       |       | L      |          |          |             | 1  |              |              | 1  | _11_         | _ 1 _        |  |               | i !  |         | í i                                    |         |
|              |             |       |        |          |          |             | i  | [            |              |  |              |              |  | i             |  |         |  |         |
| l            |             | L     |        | l        |          |             |  |              |              |  |              |              |  |               | <u> </u>   |         |  |         |
|              |             |       | $\top$ |          |          |             |  |              |              |  |              |              |  |               | 1  |         |  |         |
|              |             |       |        |          |          |             | <u> </u>   |              |              |  | 1            |              |  |               | 1  |         | ·                                      | ·       |
| ļ            | 1           | j     | j      | }        |          |             |  |              |              |  |              |              |  | 1             | 1  |         | ! i                                    |         |
|              |             |       |        |          |          |             |  |              |              | 1  |              |              | <del>  _   _   _   _   _   _   _   _   _   _</del> |               | ·  |         | l i                                    |         |
| 1            |             | ĺ     |        | 1        |          |             |  | 1            |              |  | 1 1          |              |  | i             | 1  |         |  |         |
|              |             |       |        |          |          |             | <del> </del>                                     | <del></del>  | ļ            | <del> </del>                                     | +            |              |  |               | <del>                                     </del> |         |  |         |
| -            |             |       |        |          |          |             |  | l            | 1            |  |              |              |  | -             |  |         |  |         |
| Element (X)  | Zx          | ;     | +      |          | ž x      | <del></del> | · ·  | -            |              | No. Obs.   | 7            |              | Mean No. o   | of Hours with | h Temperatui                                     | •       | ئـــــــــــــــــــــــــــــــــــــ |         |
| tel. Hum.    |             | 8082  | 24     |          | 659      | 86          | 71.0   |              |              | 929  | ± 0 F        | ± 32 F       | e 67 F   | ≥ 73 F        | - 80 F   | • 93    | F 1                                    | otal    |
| Dry Bulb     |             | 4115  |        |          | 639      |             | 68.8   |              |              | 929  |              | 1            | 64.0   |               | +  |         | 1                                      |         |
| Wet Bulb     |             | 6910  |        |          | 584      |             | 62.9   |              |              | 929  |              |              | 23.4   |               | <u> </u>   |         |  |         |
| Dew Point    |             | 2470  | _      |          | 546      |             | 58.8   |              |              | 929  |              |              | 7.2  |               | 1  |         |  |         |

0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM JUN 21

Dry Bulb

Yet Bulb

Dew Point

4311016

3636224

3213997

63232

57980

68.0 3.562

62.4 4.358

GLIMATOLOGY BRANCH DI AFETAC AIN WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

56-1 10-2

93

18.0

17.20.1 LAJES AB AZ STATION NAME 71-80 OCT PAGE 1 1500-1700 Hours L. S. Y. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B. W.B. Dry Bulb Wet Bulb Dew Point • 2 • 5 7 1/ 77 . 1 8 P 75/ 75 .2 1.7 . 6 . 1 25 25 74/ 73 .2 1.1 4.1 1.6 • 3 • 1 69 69 2/ 71 1.2 3.9 5.5 3.6 141 141 7 / 69 179 179 ς 1.7 9.3 3.3 2.6 2.3 44 .8 4.5 2.9 4.1 139 123 65/ 67 • 3 139 45 +6/ 65 2.5 3.9 5.3 6.5 1.1 • 3 181 182 167 78 1.8 3.8 2.7 n4/ 63 1.4 116 116 140 146 62/ 61 .2 1.3 2.7 46 46 117 123 63/ 59 .5 1.0 138 53/ 57 34 65 59 56/ 55 89 5.4/ 53 38 89 52/ 51 57 50/ 49 32 4 4 47 37 46/ 45 21 44/ 43 10 42/ 41 1.0 8.225.429.425.3 9.5 1.3 930 TOTAL 929 929 929 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 267 F 273 F 280 F 293 F 5 0 F ≤ 32 F Total 72.21.069 4953433 67053 929

930

929

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

LL DEAL CLIMATOLOGY BRANCH US AFETAC ATH MEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

1'271 LAJES AB AZ GCT\_ 1800-2000 HOLES L. S. T. PAGE 1

| Temp.        |     |                  |          |       |                |             |         |                |         | E DEPRE |            |              |            |             |              | TOTAL        |              | TOTAL  |          |
|--------------|-----|------------------|----------|-------|----------------|-------------|---------|----------------|---------|---------|------------|--------------|------------|-------------|--------------|--------------|--------------|--|----------|
| ( <b>f</b> ) | 0   | 1 - 2            | 3 - 4    | 5 - 6 | 7 - 8          | 9 - 10      | 11 - 12 | 13 - 14        | 15 - 16 | 17 - 18 | 19 - 20    | 21 - 22 23 - | 24 25 - 26 | 27 - 28 29  | - 30 → 31    | D.B. W.B. 0  | ry Bulb      | Wet Bulb 1                                       | Dew Pon  |
| 76/ 75       |     |                  |          | • 2   |                | <br>'       |         | į į            |         | : 1     |            |              |            |             |              | 2            | 2            | •  |          |
| 74/ 73       |     |                  | . 3      | .6    |                | !           |         | 1              |         |         |            |              | į          |             |              | 9            | 9            |  |          |
| 7./ 71       |     | • 5              | 2.9      | 2.7   | • 2            |             | Ī       | 1              |         |         |            |              |            |             |              | 60           | 60           | 3  |          |
| 7./ 69       |     | 2.5              | 13.4     | 2.2   | • 6            |             |         | 1 :            |         |         |            |              | ;          |             |              | 146          | 146          | 19   | 4        |
| K 1/ 67      | . 4 | 1.4              | 5.7      | 2.8   | 1.8            | • 1         |         | 1 .            |         |         |            |              |            | •           |              | 114          | 114          | 94   | 29       |
| 16/ 65       | • 2 | 7.3              | 6.C      | 5.4   | 1.9            | . 2         | - 1     | j              |         |         |            |              |            |             |              | 197          | 197          | 159  | 62       |
| 14/63        | • 1 | 4.3              | 4.3      | 8.9   | 3.0            | . 6         | ıl      |                |         |         |            |              |            | :           |              | 198          | 198          | 135  | 172      |
| F 21 61      | - 1 | 1.8              | 3.4      |       |                | . 4         |         | 1              |         |         |            |              |            |             |              | 86           | 86           | 123  | 129      |
| ·/ 59        |     |                  | 2.6      |       |                | . 4         | 1       |                |         |         |            |              |            | <del></del> |              | 86           | 86           | 136  | 130      |
| * -/ 57      | . 1 | 1.1              |          |       |                |             | İ       | [              |         | - [     |            | 1            | :          |             |              | 18           | 18           | 113  | ٤1       |
| 5 / 55       |     | . 2              | . 4      |       |                |             |         |                |         | i -     |            |              |            | 1           |              | 10           | 10           | 72   | 1 . 9    |
| 4/ 53        |     |                  | • 2      |       |                | i           | į       | ] }            |         | ] ]     |            |              | i          | ţ .         |              | 2            | 2            | 45   | 77       |
| 5.2/ 51      |     | • 1              | • 1      |       |                |             | 1       |                |         |         |            |              |            | *           |              | 2            | 2            | 20   | 56       |
| 5.3/ 49      |     |                  |          |       |                | 1           |         |                |         |         |            |              | 1          |             |              |              |              | 10   | 3.0      |
| 4 1/ 47      |     |                  |          |       |                | 1           |         |                |         |         |            |              |            |             |              |              | <b>.</b>     | 1  | 27       |
| 4-/ 45       |     |                  |          |       |                | i           | 1       | 1              |         | !       |            |              |            |             |              |              |              |  | 25       |
| 44/ 43       |     |                  |          |       |                |             |         |                |         |         |            | T            |            |             |              |              |              |  | 10       |
| 42/ 41       |     |                  |          |       |                | 1           | l       | 1              |         | 1 1     |            |              | 1          |             |              | 1            |              |  | 5        |
| CTAL         | 1.0 | 19.8             | 37.0     | 29.5  | 10.9           | 1.8         | • 1     |                |         |         |            |              | 1          | i           |              |              | 930          |  | 930      |
| İ            |     |                  |          |       |                |             |         |                |         | 1       |            |              |            |             |              | 930          |              | 930  |          |
|              |     |                  |          |       |                |             |         |                |         |         |            |              | !          |             |              |              | ·•           | ,  |          |
|              |     |                  |          |       |                |             |         |                |         | 1 1     |            |              | 1          |             |              |              |              |  |          |
|              |     |                  |          |       |                |             |         |                |         |         |            |              |            |             |              |              |              |  |          |
|              |     |                  |          |       |                |             | l       |                |         | 1 1     |            | 1 1          |            |             | 1            |              |              |  |          |
|              |     |                  |          |       |                |             |         |                |         |         |            |              |            | ! ;         |              |              |              |  |          |
| ļ            |     |                  |          |       |                | 1           | }       | ]              |         | 1       |            |              |            |             |              |              | ¥.           |  |          |
|              |     |                  |          |       |                |             |         |                |         |         |            |              |            |             |              |              |              |  |          |
|              |     | ,                |          | }<br> |                | Í           |         |                |         | 1 1     |            | 1            | ļ          |             |              | 1            | 1            |  |          |
|              |     |                  |          |       |                |             |         |                |         |         |            | 1 - 1 -      |            |             |              | 1            |              |  |          |
|              |     |                  |          |       |                |             |         |                |         |         |            |              | ļ          |             |              | !            |              |  |          |
|              |     |                  |          |       |                |             |         |                |         | 1       |            |              |            |             |              | !            |              |  |          |
|              |     |                  | }        |       |                | 1           |         | i              |         |         |            |              |            |             |              |              |              |  |          |
|              |     |                  |          |       |                |             |         |                |         |         |            |              |            |             |              | 1            |              |  |          |
| Element (X)  |     | Z <sub>X</sub> ; | <u> </u> |       | ž <sub>X</sub> | <del></del> | Ī       | • <sub>8</sub> | _       | No. Ob  | . 1        |              |            | Mean No.    | of Hours wit | h Temperatu  | i            |  |          |
| Rel. Hum.    |     |                  | 6356     |       | 724            | 26          |         | 10.10          | 4       |         | 30         | ± 0 F        | ± 32 F     | ≥ 67 F      | ≥ 73 F       | ≥ 80 F       | 2 93 F       | T  | atal .   |
| Dry Bulb     |     |                  | 3909     |       | 608            |             |         | 3.8            |         |         | 30         |              |            | 33.1        | 1.1          | <del></del>  | - 73 -       |  |          |
| Wet Bulb     |     |                  | 9705     |       | 569            |             |         | 4.5            |         |         | <u>30</u>  |              | <u> </u>   |             |              | <del>\</del> | <del> </del> | <del>-                                    </del> | 93<br>93 |
|              |     | <u>3 2 U</u>     | 7/02     | L     | 207            | 111         | 0103    | 4 . 2          | 7       |         | <b>⊃</b> ! |              |            | 11.6        | 1            | !            | ŀ            | ı  | 9:       |

| Element (X) | Zx²     | z <sub>x</sub> | ¥    | ₹ .    | No. Obs. |       |        | Mean No. o | f Hours with | Temperatu | re     | <del></del> |
|-------------|---------|----------------|------|--------|----------|-------|--------|------------|--------------|-----------|--------|-------------|
| Rel. Hum.   | 5736356 | 72426          | 77.9 | 10.166 | 930      | 5 0 F | ± 32 F | ≥ 67 F     | ≥ 73 F       | ≥ 80 F    | ≥ 93 F | Total       |
| Dry Bulb    | 3993909 | 60839          | 65.4 | 3.872  | 930      |       |        | 33.1       | 1.1          |           |        | 93          |
| Wet Bulb    | 3509705 | 56977          | 61.3 | 4.519  | 930      |       |        | 11.6       |              |           |        | 93          |
| Dew Point   | 3183655 | 54139          | 58.2 | 5.870  | 930      |       |        | 3.3        |              |           |        | ¥3          |

USAFETAC FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL GHAL CLIMATOLOGY BRANCH US AFETAC AI: WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

LAJES AR AZ 21 00 - 23 UC PAGE 1

| Temp.                    |     |          |             |  |  |  |              |              |                | E DEPRE   |         |              |   | ,                |           |             | TOTAL         |              | TOTAL        |         |
|--------------------------|-----|----------|-------------|--|--|--|--------------|--------------|----------------|-----------|---------|--------------|---|------------------|-----------|-------------|---------------|--------------|--------------|---------|
| (F)                      | 0   |          |             |  |  | 9 - 10   | 11 - 12      | 13 - 14      | 15 - 1         | 6 17 - 18 | 19 - 20 | 21 - 22      | 23 - 24   | 25 - 26 2        | 7 - 28 29 | . 30 . 31   | D.B. W.B. (   | Dry Bulb Y   | er Bulb D    | Dew Por |
| 74/ 73                   | 1   | . 2      |             | . 3  | . 1  | i  |              | I            | i              |           | :       | [            |   | II.              |           |             | 6             | 6            |              |         |
| 72/ 71                   |     |          |             | 1.6  |  | <u> </u>   | <u> </u>     |              | ļ              |           |         |              |   |                  |           |             | 54            | 54           | 3            |         |
| 75/ 69                   |     | 2.2      | 7.8         | 1.0  | • 3  | • 2  |              |              | 1              |           |         |              |   |                  |           |             | 107           | 137          | 11           | 4       |
| 6-/ 67                   | . 4 | 2.7      | 7.7         | 2.8  | 1.6  |  | İ            |              | <u>i</u>       |           |         |              |   |                  |           |             | 142           | 142          | _ 80         | _ 5     |
| -6/ 65                   | • 5 | 8.0      | 5.1         | 2.7  | . 9  | • 3  |              |              |                |           |         |              |   |                  | _ •       | •           | 162           | 162          | 145          | 7.8     |
| 4/ 63                    | 1.1 |          |             | 7.2  |  | . 6  |              |              | ļ              |           | 1       | j            |   |                  |           |             | 202           | 202          | 163          | 164     |
| 62/ 61                   | . 4 |          |             | 3.4  |  |  |              |              | !              | 1         |         |              |   |                  |           |             | 107           | 107          | 119          | 113     |
| / ./ 59                  |     | 2.0      | 2.5         | 2.7  | .6   | .2   | 1            |              | !              |           |         |              |   |                  |           |             | 75            | 75           | 124          | 10      |
| 5 / 57                   |     | . 8      | 2.5         | • 2  | • 3  |  |              |              |                |           |         |              |   |                  |           |             | 35            | 35           | 111          | 9.      |
| 50/ 55                   |     | 1.6      | . 8         |  | l  | ļ  | İ            |              |                | 1         | . !     | ļ            |   |                  |           |             | 24            | 24           | 7.3          | . 76    |
| 14/ 53                   |     | • 1      |             |  |  |  |              |              |                |           |         |              |   |                  |           |             | 9             | 9            | 6.3          | · 8     |
| - 2/ 51                  | ĺ   |          | . 8         | 1  | l<br>I   | i  | i            | l            | }              |           | 1       | }            |   |                  |           |             | 7             | 7            | 18           | 6       |
| 5 1/ 49                  |     |          |             |  |  |  |              |              |                |           |         |              |   |                  |           |             | - · · - · - · |              | 15           | 4       |
| 4 3/ 47                  |     |          |             | Ì  |  |  |              |              | ì              |           | i       | 1            |   | :                |           |             |               |              | 5            |         |
| 45/ 45                   |     |          |             | i  |  |  |              | i            |                |           | 1       |              |   |                  |           |             | <del>-</del>  |              |              | 2       |
| 44/ 43                   |     |          |             | ì  |  | ł  | į            | }            |                |           |         |              |   |                  |           |             |               |              |              | _ (     |
| 42/ 41                   |     |          |             | <del>                                     </del> |  |  |              |              | †              |           |         |              |   |                  |           |             |               |              |              |         |
| O TAL                    | 2.5 | 25.9     | 40.3        | 22.5   | 7.2  | 1.6  | ĺ            |              |                |           | -       |              |   | :                |           |             |               | 930          |              | 930     |
|                          |     |          |             |  |  | 1  |              |              | <u> </u>       |           |         |              |   | •                |           |             | 930           |              | 930          |         |
| ļ                        |     |          |             | ]  | }  | ]  | }            | ,            | i              |           |         |              |   |                  |           |             | 1             |              | , , ,        |         |
|                          |     |          |             | <b></b> -  |  | <del> </del>                                     | <del> </del> | <b></b>      |                |           |         |              |   |                  |           |             | - <del></del> |              |              |         |
|                          |     | <u> </u> |             | Í  | ļ  | 1  | ł            | ł            | 1              |           | 1       | -            |   | !                |           |             | į             |              | 1            |         |
|                          |     |          |             | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | !            | <del> </del> | <del> </del>   | +         |         |              |   |                  |           |             | +             |              | <del>-</del> |         |
|                          |     |          |             | 1  | ļ  | )  | }            | 1            | ļ              |           |         | 1            |   |                  | - (       |             | 1             |              |              |         |
|                          |     |          |             | <del> </del>                                     | <del> </del>                                     | <del></del>                                      | ├──          |              | <del> </del>   | +         |         | <del> </del> |   |                  |           |             | +             |              |              |         |
| i                        |     |          |             | ł  | 1  | ļ  | 1            |              |                | j         |         | j            |   | l i              | 1         | ļ           | , ;           | 1            |              |         |
|                          |     |          |             | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | ├──          | <del> </del> |                | +         |         | <del></del>  |   | -                | -+        |             | +             |              |              |         |
| ĺ                        |     |          |             | 1  | ĺ  | {  | 1            | {            | ĺ              | 1 1       | 1       | ŀ            |   |                  | 1         | !           | 1 1           | :            |              |         |
|                          |     | ļ        | ļ           | <del> </del>                                     | <del> </del>                                     | <del></del>                                      | <b>├</b> ─   | <del> </del> | <del> </del> - |           |         |              |   | <del>   </del> - |           |             | <del></del>   |              |              |         |
| ļ                        |     |          |             |  | l  | 1  | 1            | 1            |                |           |         | - 1          |   |                  | ļ         |             | 1             | į            |              |         |
|                          |     |          |             | <del>  </del>                                    | <u> </u>   | <b></b>  | <del></del>  | <b>├</b>     | <del> </del>   |           |         |              |   | <del>  -</del>   |           |             | +             |              |              |         |
|                          |     |          |             |  | ł  | 1  |              | 1            | }              |           |         | )            |   | Į į              |           | }           |               |              |              |         |
|                          |     | ļ        |             | ļ  | ļ  | <del> </del>                                     | <b>}</b>     | ļ            | <del> </del>   |           |         |              |   | <b>├</b> ─-      |           |             | 1             |              |              |         |
|                          |     | İ '      |             |  | 1  | 1  | 1            |              | 1              | [         | İ       |              |   |                  | -         | (           | 1             | :            |              |         |
|                          |     | ¥•       |             | -  | <u> </u>   | <del>                                     </del> | <del></del>  |              | 1              | ٠         |         |              |   | <u> </u>         | <u></u>   |             |               |              | <u>_</u>     |         |
| Element (X)<br>Rei. Hum. |     | Σχ¹      |             | <del></del>                                      | z <sub>X</sub>                                   | <del>-  </del> -                                 | X            | *,           |                | No. Ob    |         |              |   |                  |           |             | th Temperati  |              |              |         |
|                          |     |          | 4285        |  | 744  |  | 80.1         |              |                |           | 30      | = 0 F        | -+-   | 32 F             | ≥ 67 F    | +           | - 80 F        | → 93 F       |              | 0101    |
| Dry Bulb                 |     |          | 5626        |  | 600  |  | 64.6         |              |                |           | 30      |              |   |                  | 30.9      |             | <u> </u>      | <del> </del> |              |         |
| Wet Bulb<br>Dew Point    |     |          | <u>7570</u> |  | <u>566</u><br>541                                |  | 58.2         |              |                |           | 30      |              | $-\!$ |                  | 9.4       | <del></del> | <del></del>   | <del> </del> |              | 9 ]     |
|                          |     |          | 9295        |  |  |  |              | 5 . 8        |                |           | 30_     |              |   |                  | 3 .4      |             |               |              |              |         |

USAFETAC FORM 0.26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CL BAL CLIMATOLOGY PRANCH UNAFETAC AIM HEATHER SERVICE/MAC

17211 LAJES AB AZ

### PSYCHROMETRIC SUMMAR'

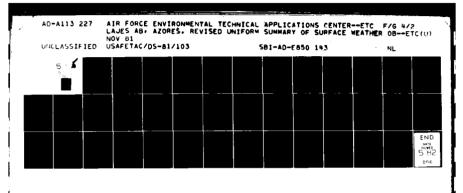
|             |                   |  |  |                      |  |                         | PAG                                | E 1       | ALL<br>Hours Lists |
|-------------|-------------------|--|--|----------------------|--|-------------------------|------------------------------------|-----------|--------------------|
| Temp.       | - <del></del>     |  | T BULB TEMPERAT                                  |                      |  |                         | TOTAL                              |           | TOTAL              |
| (F)         | 0 1-2 3-4         | 5-6 7-8 9-1                                      | 0 11 - 12 13 - 14 15                             | - 16 17 - 18 19 - 20 | 21 - 22 23 -                                     | 24 25 - 26 27 - 28 29 - | 30 , 31 D.B. W.B.                  | Der Bub   | Wer Buib Dew Po    |
| 75/ 77      | ,                 | 1 1 1  | C  | 1 1                  | 1  |                         | 20                                 | 20        |                    |
| 75/ 75      | • 2               | <del></del>                                      | 1 •0   | 1                    |  |                         | 97                                 |           |                    |
| 74/ 73      | 1 1               |  | 2 .1   | i                    |  |                         | 259                                |           | 1                  |
| 72/ 71      |                   |  | 5 • 1  |                      |  |                         | 632                                | •         | ? કે,              |
| ~ 7 69      | .1 2.0 7.8        |  | 9 •1 •0  | i                    |  |                         |                                    | 1082      | 216 7              |
| 6-1 67      | .3 1.5 5.2        |  | 8 . 2  |                      |  |                         |                                    |           | 774 23             |
| t 6/ 65     | .3 5.3 4.7        | · 1  | 5 • 2  |                      |  |                         |                                    | 1305      |                    |
| 54/ 63      | .9 4.7 4.0        |  | <del></del>                                      |                      | <del></del>                                      |                         | ··                                 |           | 1118 123           |
| F 2/ 61     | •4 1.9 2.6        |  | 4  | 1                    | !  |                         | 747                                |           | 1062 97            |
| 1./ 59      | .2 1.4 2.1        | <del></del>                                      | 3  |                      | <del></del>                                      |                         | 534                                |           | 991, 107           |
| 1./ 57      | •1 •7 1•0         |  |  | 1                    |  |                         | 150                                | 150       | 845 64             |
| 56/ 55      | .1 .8 .4          |  | <del></del>                                      |                      | <del>                                     </del> | <del></del>             | 118                                |           | 575 60             |
| 4/ 53       | •1 •3 •3          |  |  | i                    | 1  |                         | 5.5                                | 55        | 418 68             |
| 5 1/ 49     | <u>•0  •1  •3</u> | <del></del>                                      | <del></del>                                      |                      |  |                         | 38                                 |           | 15a <u>5</u> 1     |
| 4 / 47      | •0 •1             | 1 1 1  |  | 1                    |  |                         | 7                                  |           | 71 29              |
| 44/ 45      | •0 •1             | <del></del>                                      | <del></del>                                      |                      |  | <del></del>             | 10                                 |           |                    |
| 44/ 43      | •0                |  |  |                      |  |                         | 1                                  | 1         | 10 19              |
| 42/ 41      |                   |  | +  |                      | <del></del>                                      | <del></del>             |                                    | · · · - • | 1. 9               |
| 47/ 39      |                   |  |  | i                    | 1  |                         |                                    |           | 4                  |
| CTAL        | 2.319.733.0       | 25.613.6 4                                       | 7 .7 .0  |                      | <del></del>                                      |                         |                                    | 7439      | 743                |
|             | 2.5               | 23.013.7   | 1 • 1  |                      | 1  |                         | 74 70                              | _         | 7438               |
|             |                   | +  |  | <del></del>          | +  | <del></del>             | · · · · — · · / <del>**</del> 2.8. | •         | 7430.              |
| 1           |                   |  |  |                      |  |                         |                                    |           |                    |
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| !           |                   |  |  |                      |  |                         |                                    |           |                    |
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| į           |                   |  |  |                      |  |                         |                                    |           |                    |
|             |                   |  | 1 1  |                      | <del>                                     </del> | <del></del>             |                                    |           | • •                |
|             | }                 | }  |  |                      |  |                         |                                    |           |                    |
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|             |                   |  |  |                      |  |                         |                                    |           |                    |
|             |                   | -  |  |                      |  | :                       |                                    | •         | •                  |
|             |                   |  |  |                      | 1  |                         |                                    |           |                    |
| Element (X) | Ż X²              | ZX   | Ž °z   | No. Obs.             |  | Mean No. o              | f Hours with Temperat              | ure       |                    |
| Rel. Hum.   | 45114246          | 572788   | 77.311.444                                       | 7438                 | 10F  | : 32 F : 67 F           | ≥ 73 F → 80 F                      | , • 93 F  | Total              |
| Dry Bulb    | 32260868          |  | 65.7 4.479                                       | 7439                 |  | 301 •0                  | 37.6                               | Ī         | 74                 |
| Wer Bulb    | 28102174          |  | 61.3 4.730                                       |                      |  | 184.3                   |                                    | 1         | 74                 |
| Dew Point   | 25380130          | 432168   | 58.1 6.025                                       | 7438                 | i  | 31.2                    |                                    | 1         | 7,                 |

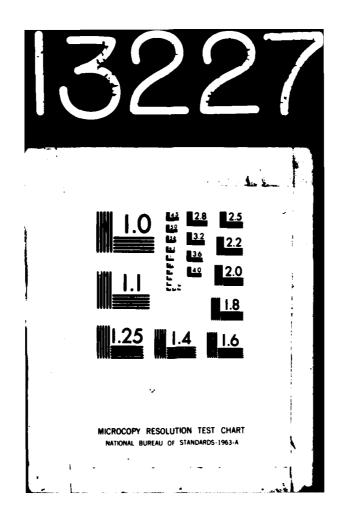
71-8.

OL MAL CLIMATOLOGY BRANCH L' AFETAC

AT - WEATHER SERVICE/MAG

| 2.1                  | LAJES AB AZ       | STATION NAME      |               |                | 71-80             |  |             | A95            | <del></del>      |              | . N      |
|----------------------|-------------------|-------------------|---------------|----------------|-------------------|--|-------------|----------------|------------------|--------------|----------|
|                      |                   |                   |               |                |                   |  |             |                | PA               | GE 1         | ១៦០១     |
| Temp.                |                   | we                | T BULB        | TEMPERATUR     | E DEPRESSION      | ( <b>F</b> )                                     |             |                | TOTA             |              | ] AL     |
| (F)                  | 0 1 - 2 3 - 4     | 5 - 6 7 - 8 9 - 1 | 0 11 - 12     | 13 - 14 15 - 1 | 6 17 - 18 19 - 20 | 21 - 22 23                                       | 24, 25 - 26 | 27 - 23 29 - 3 | 0 31 D.B. W.     | B. Dr. B. b  | Wet Buib |
| 74/ 73 .<br>72/ 71 : | • 3<br>• 3        | :                 |               |                |                   |  |             |                |                  | 3 3<br>3 3   | _        |
| 1 69                 | 1.6               |                   |               |                |                   |  |             |                | 1                | 4 14         |          |
| 1/ 67                | •3 7•0            | .9 .2             |               | _ ·            |                   |  |             |                | 7                | 6. 76        | , ,      |
| 6/ 65                | .2 6.1 5.6        | 1.1 .2            |               |                | i                 |  |             |                | 11               |              | 7:       |
|                      | .413.3 4.8        |                   | 2             |                |                   |  |             |                | 2.1              |              |          |
| 2/ 61                | .2 3.9 7.1        |                   | 1             |                | !                 | 1  |             |                | 15               |              |          |
| 7 59                 | <u>.3 3.6 6.8</u> |                   | 6             |                | _,                |  |             |                | 17               |              | 9        |
| ./ 57                | 2 • 1 1 • 7       |                   | 1             |                |                   |  |             |                |                  | 6 55         |          |
| <i>∍/</i> 55         | .1 1.1 1.7        |                   |               |                |                   | ·  |             |                |                  | 8 38         |          |
| 4/ 53:               | 1.7 1.2           | • 2               |               |                | 1                 |  |             |                |                  | 2 22         |          |
| 2/ 51                | .1 .8 1.3         | <del></del>       | _ <del></del> | <del></del>    | <del>-</del>      | <del></del>                                      |             |                | 2                | Q, 29<br>8 8 | . 6      |
| ./ 47                |                   | 4<br>1            |               |                |                   |  |             |                |                  | •            | -        |
| -/ 45                | 4 .1              | <del>-</del>      | ·             | <del> </del>   | <del></del>       |  |             |                |                  | 5. 5         | . 20     |
| 4/ 43                |                   | !                 | 1             | i i            |                   |  |             |                |                  |              | •        |
| 2/ 41                |                   |                   | <del></del>   | -              | <del></del>       | <del></del>                                      |             |                |                  | •            | •        |
|                      | 1.433.040.01      | 8-7 6-0           | A             |                |                   |  |             |                |                  | 200          |          |
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|                      |                   |                   | l             |                |                   | 1  |             |                |                  |              |          |
|                      |                   |                   |               |                |                   |  |             |                |                  |              | •        |
|                      |                   |                   |               |                |                   |  |             |                |                  |              | _        |
|                      |                   |                   | 1             |                |                   |  |             |                | •                |              |          |
|                      |                   |                   |               |                | <u> </u>          | <del>                                     </del> |             |                |                  | . <b>.</b>   |          |
|                      |                   |                   |               |                | 1                 |  | , –         |                |                  |              |          |
|                      |                   |                   |               | <u> </u>       | <del></del>       | $\perp$  |             |                |                  | 4            |          |
| i                    |                   | 1 1               |               |                |                   |  | i           | 1              |                  |              |          |
|                      |                   |                   |               |                | +                 | <del></del>                                      |             |                | ·                | • · ·        |          |
| }                    |                   | 1                 |               |                |                   |  | į           |                |                  |              |          |
|                      |                   |                   |               | <del>  </del>  | +                 | ++-  | <del></del> | ·              |                  | • -          |          |
|                      |                   |                   |               |                |                   | <u>!</u>   |             |                |                  |              |          |
| lement (X)           | Σχ¹               | ZX                | X             | ₹ Z            | No. Obs.          |  |             |                | Hours with Tempe |              | <u> </u> |
| el. Hum.             | 5931671           | 72505             | 80.7          | 9.677          | 899               | 10F  | f 32 F      | ≥ 67 F         | • 73 F • 80      | F 93         | F        |
| ry Bulb              | 3465736           | 55710             | 61.9          | 4.385          | 900               |  |             | 9.6            | • 3.             |              |          |
| Vet Bulb             | 3092871           | 52549             | 58.5          | 4.863          | 899               |  | ļ           | 1.2            |                  |              |          |
| Dew Paint            | 2829897           | 50155             | 55.8          | 5.947          | 899               |  | i           |                |                  | -            |          |





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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| Temp.       |     |       |       |       |                | W P         | T BULR      | TEMPF        | RATURE       | : DEPRI      | ESSION ( | (F)         |                |   |           |         |           | TOTAL !     |               | TOTAL        |         |
|-------------|-----|-------|-------|-------|----------------|-------------|-------------|--------------|--------------|--------------|----------|-------------|----------------|---|-----------|---------|-----------|-------------|---------------|--------------|---------|
| (F) [       | 0   | 1 - 2 | 3 - 4 | 5 - 6 | 7 . 9          |             |             |              |              |              |          |             | 23 . 24        | 25 . 24                                       | 27 - 28 2 | 9 . 30  | > 31      | D.B. W.B. ( |               |              | Dew Por |
| 74/ 73      |     |       |       |       | 7 - 8          | 7 - 10      | 111-12      | 13.14        | 13 - 10      | 17 - 18      | 17.20    | 21 - 24     | 23 - 24        | 23 - 20                                       | 27 - 20 2 | 7 - 30  |           |             |               |              |         |
| 72/ 71      |     |       | • 1   | • 2   |                | ł           | }           |              | 1            | 1            | }        | l           | 1              | }   |           |         |           | 2           | 2             |              |         |
|             |     |       |       |       |                | <del></del> | +           | ┼            |              | <del> </del> | -        |             | <del> </del>   |   |           |         |           |             |               |              |         |
| 7 3/ 69     |     |       | 1.7   | . 4   | _              |             |             |              | ]            |              | 1        | i           |                |   | !         |         |           | 19          | 19            |              |         |
| 63/ 67      |     | . 3   |       | . 9   |                |             |             | <del> </del> |              | -            | -        | <del></del> |                |   |           |         |           | 56          | 56            | 12           |         |
| 66/ 65      | _   | 6.7   | 4 - 1 |       |                |             |             |              | Ì            |              |          |             |                | i   |           |         |           | 107         | 107           | 68           |         |
| 4/ 63       |     | 13.3  |       |       | - 6            |             | +           | <del> </del> | <del> </del> | <del> </del> | -        | -           | <del> </del> _ | 4   |           |         |           | 219         | 219           | 128          | -       |
| 62/ 61      | • 6 | 2.9   | 8.0   |       | 1.4            |             | _           | İ            |              | 1            |          |             |                |   | 1         | 1       |           | 141         | 141           | 129          |         |
| £ 0/ 59     | 1.1 |       |       | 6.2   |                |             | 7           |              | ļ            | ļ            | <u> </u> | <u> </u>    | <u> </u>       | <u> </u>                                      |           |         |           | 195         | 195           | 107          | •       |
| 5 6/ 57     | • 3 | 1     |       | 2.2   | • 1            | İ           |             |              |              |              | 1        | 1           | 1              | 1   |           |         |           | 62          | 62            | 144          |         |
| 56/ 55      | .1  |       |       | 1.8   |                |             | _           | 1            | ļ            | <del></del>  | <u> </u> |             | ļ              | <u>i                                     </u> |           |         |           | 43          | 43            | 104          |         |
| 14/ 53      |     | 1.0   |       | • 4   |                | ĺ           |             | 1            | •            | 1            | i        | 1           |                |   |           |         | !         | 27          | 27            | 92           | i       |
| 52/ 51      |     | . 3   | . 7   |       |                |             | <del></del> | <u> </u>     | <u> </u>     | 1            | <u> </u> | ļ           | <u> </u>       | L   | ļ         |         | L         | 9           | 9             | <u>53</u>    |         |
| 50/ 49      |     | .6    | • 1   |       |                | 1           | 1           | 1            | ł            |              | 1        | }           | 1              |   |           |         |           | 6           | 6             | 40           | í       |
| 40/ 47      |     | . 9   | • 1   |       |                | ļ           | ļ           | ļ            | L            | <u> </u>     | ļ        |             | ļ              |   |           |         |           | 9           | 9             | 12           |         |
| 46/ 45      |     | • 2   | ,     |       |                | 1           |             |              |              |              | 1        | i           | i              | 1   |           |         |           | 2           | 2             | 9            | 5 5     |
| 44/ 43      |     |       |       |       |                |             |             | <u> </u>     | <u> </u>     |              | <u> </u> |             |                |   |           |         |           |             |               | 1            | 15      |
| 42/ 41      |     |       |       |       |                | İ           | 1           |              | 1            |              | Ì        |             |                |   |           |         |           |             | İ             |              | 1       |
| 40/ 39      |     |       |       |       |                |             |             |              | L            |              | <u> </u> |             |                |   |           |         |           |             |               |              |         |
| OTAL        | 2.3 | 34.3  | 37.0  | 20.9  | 4.8            | •           | 7           | 1            |              |              | 1        |             |                |   |           |         |           |             | 900           |              | 960     |
|             |     |       |       |       |                |             | <u> </u>    | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u> | <u> </u>    | <u> </u>       |   |           |         |           | 900         |               | 900          |         |
| ļ           |     |       |       |       |                |             | İ           |              |              |              |          |             |                |   |           |         |           |             |               |              |         |
|             |     |       |       |       |                |             |             |              | <u> </u>     |              |          |             |                | <u> </u>                                      |           |         |           |             |               |              |         |
|             |     |       |       |       |                |             |             |              |              |              |          |             |                |   |           |         |           |             | i             |              |         |
|             |     |       |       |       |                |             | 1           | <u> </u>     | 1            |              | l        |             |                | <u> </u>                                      | ii        |         |           |             |               |              |         |
|             |     |       |       |       |                | }           | T           | -            |              |              | 1        | }           | I.             |   | i         |         |           | 1           |               |              |         |
|             |     |       |       |       |                |             |             |              |              | <u> </u>     |          |             | 1              | <u> </u>                                      | l         |         |           |             |               |              | l       |
|             |     |       |       |       |                |             |             | Ţ            |              |              | Ţ _      |             |                |   |           |         |           |             |               |              |         |
| 1           |     |       |       |       |                |             | 1           | <u> </u>     |              |              |          |             |                |   |           |         |           |             |               |              |         |
|             |     |       |       |       |                |             |             |              |              |              |          |             |                |   |           |         |           |             |               |              |         |
| [           |     |       | [ i   |       |                |             | 1           | 1            | l _          |              | l        |             | 1              |   | []        |         | i         |             |               |              | 1       |
|             |     |       |       |       |                |             |             |              |              |              |          |             | 1              |   |           |         |           |             |               |              |         |
| 4           |     |       |       |       |                | ł           | 1           | }            |              | 1            | l        | }           | 1              | 1 1   |           |         |           |             |               |              | ;       |
|             |     |       |       |       |                |             |             | 1            |              |              |          |             |                |   |           |         |           |             |               |              | 1       |
| ]           |     | į .   |       |       |                |             |             | }            |              | 1            |          | İ           | i              |   |           |         |           |             | 1             |              | i       |
| Element (X) |     | Σχ'   |       |       | ž <sub>X</sub> |             | ¥           | •,           |              | No. O        | bs.      |             |                |   | Mean No   | . of Ho | ours with | Temperatu   | re            |              |         |
| Rel. Hum.   |     | 600   | 7182  |       | 729            | 78          | 81.         | 9.9          |              | 9            | 00       | ± 0         | F              | ± 32 F  | ≥ 67 F    |         | 73 F      | ≥ 80 F      | ≥ 93 F        |              | Total   |
| Dry Bulb    |     |       | 7191  |       |                | 79          |             | 4.3          |              |              | 00       |             | $\neg \vdash$  |   | 8.        | C       | • 3       |             | 1             |              | 9;      |
|             |     |       | 8067  |       | 524            |             |             | 4 . 8        |              |              | 00       |             |                |   |           |         |           |             | † <del></del> | <del> </del> | 9(      |
| Wet Bulb    |     |       |       |       |                |             |             |              |              |              |          |             |                |   |           |         |           |             |               |              |         |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| GL Ga  | AL CLIMAT | TOLOGY | BRANCH |
|--------|-----------|--------|--------|
| L S AF | ETAC      |        |        |
| , -    | EATUCE C  | COUTCE | ANAC   |

# PSYCHROMETRIC SUMMARY

PAGE 1

| Temp.       |     |             |                |              |  |   |  | TEMPERA  |         |         |  |  |  |  |         |          |              | TOTAL         |             | TOTAL        |             |
|-------------|-----|-------------|----------------|--------------|--|---|--|--|---------|---------|--|--|--|--|---------|----------|--------------|---------------|-------------|--------------|-------------|
| (F)         | 0   | 1 - 2       | 3 - 4          | 5 - 6        | 7 - 8  | 9 - 10  | 11 - 12  | 13 - 14  | 15 - 16 | 17 - 18 | 19 - 20  | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28 | 29 - 30  | ≥ 31         | D.B. W.B.     | Dry Bulb    | Wet Bulb     | Dew Por     |
| 76/ 75      |     |             |                |              | • 1  | 1   |  |  | 1       |         |  |  |  | i  |         |          |              | 1             | 1           |              | •           |
| 74/ 73      |     |             |                | . 2          |  | ļ   | 1  | i  |         |         |  |  |  |  | i       |          |              | 2             | 2           | •            |             |
| 70/ 69      |     |             | 1.4            |              |  |   | <del></del>                                      |  | 1       |         | i  |  |  |  |         |          |              | 19            | 19          | 1            | • -         |
| 6 0/ 67     |     |             | 5.0            | 7 -          |  | Ì   | İ  |  | - 1     |         | }  |  |  |  |         |          |              | 54            | 54          |              |             |
| 66/ 65      |     | 7.5         |                |              |  |   |  |  |         |         |  | 1  |  | 1  |         |          |              | 115           | 115         |              |             |
| 4/ 63       | 1.6 |             | 5.3            |              |  |   | }  | i i  |         |         |  | 1  | }  | !  |         |          |              | 224           | 224         |              |             |
| 62/ 61      | 1.0 |             |                |              |  |   | <del> </del>                                     | 1  |         |         |  | †  |  |  | i i     |          |              | 156           | 156         |              |             |
| J/ 59       | . 3 |             |                |              |  |   |  | l i  |         |         |  | 1  |  |  | 1 1     |          |              | 155           | 155         |              |             |
| 5 / 57      | •1  |             |                |              | 1.0  |   |  |  |         |         |  |  | <u> </u>   | <del>                                     </del> | ·       |          | <del></del>  | 65            | 65          |              | 7           |
| 56/ 55      | 7.  | 2.6         |                |              |  | 1   | 1  |  | ]       |         | !  |  | l  | i :  |         |          | 1            | 60            | 60          |              |             |
| "4/ 53      |     | .7          |                |              |  |   |  |  |         |         |  |  | 1  | 1  |         |          | 1            | 24            | 24          |              |             |
| 2/ 51       |     | 4           | • 6            | ••           | l  | 1   |  | 1 1  | - }     |         | }  | l  | }  | } ,  | ) ;     |          | 7            | 9             |             | _            |             |
| 50/ 49      |     | . 4         | • 3            |              |  |   |  |  |         |         |  |  | -  |  |         |          | <u> </u>     | 7             | 7           |              |             |
| 40/ 47      |     | .6          |                |              | 1  |   | }  | 1 1  | ,       |         | ]  |  |  | ]  | İ       |          | 1            | 5             | 5           |              |             |
| 40/ 45      |     | • 3         |                |              | <u> </u>   |   | <del>                                     </del> |  |         |         |  | 1  |  | 1  |         |          | 1            | 3             | 3           |              |             |
| 4/ 43       |     |             |                |              | 1  |   |  |  | [       |         | 1  | 1  | ĺ  | (  |         |          | 1            |               | -           |              | 2           |
| -2/ 41      |     |             | -              |              |  |   | 1  |  |         |         |  |  |  |  |         |          | <del></del>  |               |             |              | 1           |
| 4 4 39      |     |             | [              | 1            | 1  | ĺ   | (  |  |         |         | l  | 1  | ł  | }  | 1       |          | }            |               |             | 1            |             |
| 3 %/ 37     |     |             |                |              | <del>                                     </del> | <del>                                     </del>  |  | 1  |         |         |  | <del>                                     </del> |  |  |         |          | 1            | <del> </del>  |             | <del></del>  | -           |
| OTAL        | 3.0 | 77.4        | 35.7           | 10.A         | 7.0  | 1.0   | .1   | 1  | 1       |         | 1  | 1  | }  | ļ  | ) )     |          | }            |               | 899         | ,            | 89          |
| ¥           | 7.0 |             |                | 7.00         |  | -   | -  |  |         |         |  | <del>                                     </del> |  |  |         |          |              | 899           |             | 899          |             |
| -           |     |             | }              | 1            | 1  | 1   | ļ  | ] [  | }       |         |  | 1  |  |  |         |          | -            |               |             |              |             |
|             |     |             |                |              | 1  |   |  |  |         |         |  | <del>                                     </del> | 1  |  |         |          |              |               |             | 1            |             |
| İ           |     |             |                |              |  | [   | 1  | íí   | 1       |         | 1  | 1  | Ì  | 1  | 1       |          | 1            | 1             |             | }            | 1           |
|             |     |             | t              |              | $\vdash \vdash$                                  |   | <b></b>  | † <u>†</u>                                       |         |         |  | 1  |  |  |         |          |              |               |             | <del></del>  |             |
| í           |     |             | 1              |              | ì  | Ì   | 1  | 1  | Ì       |         |  | l  | ì  |  | } }     |          |              |               |             |              | Ì           |
|             |     |             | <del> </del>   | <del> </del> | <del> </del>                                     | <del>                                     </del>  | 1  | 1  |         |         | <del>                                     </del> | <del>                                     </del> |  | <del> </del>                                     |         |          | 1            | 1             |             | <del> </del> | <del></del> |
| 1           |     |             |                | ļ            | )  | }   | ļ  | )  |         |         | }  | 1  | ]  |  |         |          | 1            |               |             | 1            | ĺ           |
|             |     |             |                |              | <del> </del>                                     | <del>                                     </del>  | <del>                                     </del> | <del>                                     </del> |         |         | <del> </del>                                     | <del>                                     </del> |  | <del> </del>                                     |         |          | <del> </del> | <del></del>   |             | <del> </del> | <del></del> |
| j           |     |             | Í              |              | 1  | 1   | (  |  |         |         | 1  | 1  | 1  | 1  |         |          | 1            |               |             | l            | !           |
| <del></del> |     |             | <del> </del>   | <del> </del> | <del> </del>                                     | <del> </del>                                      | <del> </del>                                     | <del>  </del>                                    |         |         | -  | †  | <del> </del>                                     | <del>                                     </del> |         |          | +            | <del>  </del> |             | <del> </del> |             |
| ĺ           |     |             | [              |              | (  | Ì   | (  |  | ł       |         |  | 1  | ì  |  |         |          | }            | }             |             | }            | ļ           |
|             |     | <del></del> | <del> </del> - | <del> </del> | <del> </del>                                     | <del>                                     </del>  | <del> </del>                                     | <del>                                     </del> |         |         | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |         |          | +            | <del> </del>  |             | <del> </del> |             |
|             |     |             | ł              |              |  | 1   | }  | 1 1  | )       |         | }  | 1  | Ì  | }  |         |          | ļ            | ]             |             |              | ]           |
| lement (X)  |     | Z x 2       |                | $\vdash$     | ZX   | <del>'                                     </del> | X  |  | ┰       | No. Ol  |  | <u> </u>   |  |  | Mean N  | la. of t | lours wit    | h Temperat    | ure         | <del></del>  |             |
| Rel. Hum.   |     |             | 5148           | +            | 725  | O.B.  |  | 10.35  |         |         | 99   | = 0  | F  | ≤ 32 F   | ≥ 67    |          | e 73 F       | ≥ 80 F        | - 93        | F            | Total       |
| Dry Bulb    |     |             | <u> 2063</u>   |              | 554  |   |  | 4.38   |         |         | 99   |  | -  | <del></del>                                      |         | .6       | . 3          | <del></del>   | 1           |              | 9           |
| Wet Bulb    |     |             | 5639           |              | 523  |   |  | 4.87   |         |         | 99   |  |  |  |         | .8       |              | <b> </b>      | +           |              |             |
| Dew Point   |     |             | <u> </u>       |              | 498  |   |  | 6.08   |         |         | 99   |  |  |  |         | بعو      |              | <b>↓</b>      | <del></del> |              | 91          |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 7]

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

| Temp.       |     |  |       |             |                |        |              |                  |         | DEPRES!  |                |              |             |  |              | TOTAL        |  | TOTAL             | _       |
|-------------|-----|--|-------|-------------|----------------|--------|--------------|------------------|---------|--|----------------|--------------|-------------|--|--------------|--------------|--|-------------------|---------|
| (F)         | 0   | 1 - 2  | 3 - 4 | 5 - 6       | 7 - 8          | 9 - 10 | 11 - 12      | 13 - 14          | 15 - 16 | 17 - 18 1  | 9 - 20 21      | - 22 23 -    | 24 25 - 26  | 27 - 28 29                                       | - 30 - 31    | D.B. W.B. (  | ory Bulb   | Wet Bulb          | Dew Por |
| 74/ 73      |     |  |       | • 3         |                |        |              |                  |         |  |                |              |             |  |              | 3            | 3  |                   |         |
| 72/ 71      |     |  | . 8   | _1          | . 4            |        |              |                  |         |  |                |              | İ           |  | 1            | 14           | 14   | ; ;               |         |
| 7./ 69      |     | . 1  |       |             |                |        |              |                  |         |  |                |              |             |  |              | 56           | 66   | 3                 |         |
| 5 1 67      |     | . 4  |       | 3.2         | 1.3            |        |              |                  |         | $\perp \perp \perp$                              |                |              |             | į į  |              | 110          | 110  | 21                |         |
| 60/ 65      | • 1 | 7.7  |       |             | 1.2            | • 1    |              |                  |         |  |                |              |             |  |              | 172          | 172  | 120               | 1       |
| : 4/ 63     | 2.1 |  | 6.1   |             |                | 1.0    | • 1          | L                |         |  |                |              |             |  |              | 272          | 272  | 155               | 15      |
| 62/ 61      | . 1 | 1.6  | 3.2   | 4.9         | 2.8            |        | • 2          |                  |         |  |                |              |             |  | 1            | 115          | 115  | 142               | 11      |
| 631 59      |     | 1.3  | 2.9   | 4.1         | 2.4            | 1.0    |              |                  |         |  |                |              |             | 1  |              | 106          | 106  | 125               | 13      |
| 57 / د ۶    |     | .7   | . 9   | 1.2         | . 2            |        |              |                  |         |  |                |              |             |  |              | 27           | 27   | 123               | 9       |
| 56/ 55      |     | • 2  |       | - 1         |                |        | L            |                  |         |  |                |              |             |  |              | 11           | 11   | 98                | . 8     |
| 54/ 53      |     | - 1  | • 2   |             |                |        |              | 1                |         |  | ļ.             | 1            |             |  | 1            | 3.           | 3  | 58                | 8       |
| 2/ 51       |     |  | • 1   |             |                |        | <u> </u>     |                  |         | <b> </b>   |                |              |             | 1  |              | 1.           | 1.   |                   | 7       |
| 5 0/ 49     |     |  |       |             |                |        | }            | 1                |         | 1 1  |                |              | Ì           |  | 1            |              |  | 13                |         |
| 44/ 47      |     |  |       |             |                |        | ļ            |                  |         | l  |                |              |             | <del></del>                                      |              |              |  |                   | 5       |
| 46/ 45      |     | '  |       |             |                |        |              |                  |         |  | 1              |              | İ           |  |              |              |  |                   | 2       |
| 44/ 43      |     |  |       |             |                |        | L            | 11               |         |  |                |              |             | <del>                                     </del> |              | · · ·        |  |                   | 1       |
| 42/ 41      |     | 1  |       |             |                |        |              | i i              |         |  | ì              |              |             |  |              |              |  |                   | 1       |
| 39 /ب       |     | <u> </u>   |       |             |                |        | ↓            | <b>↓</b> ↓       |         |  |                |              |             | <del>  -</del>                                   |              | •            |  |                   |         |
| CTAL        | 2.3 | 20.1   | 32.3  | 29.6        | 13.2           | 2.1    | • 3          | 1                |         |  | İ              |              | j           |  | !            |              | 900  |                   | 90      |
|             |     |  |       |             |                |        | <b>↓</b>     |                  |         | <del> </del>                                     |                |              | <del></del> | <del></del>                                      |              | 900          | •  | 800,              | -       |
| Ì           |     |  |       |             |                |        |              | ] ]              |         |  |                | j            | ļ           |  |              |              |  |                   |         |
|             |     | <del>                                     </del> |       |             |                |        | ļ            |                  |         | <del></del>                                      |                |              |             |  |              |              |  |                   |         |
| 1           |     | l  |       |             | !              |        | ]            | ) )              |         | ] ]  | 1              | - 1          | i           |  |              |              |  |                   |         |
|             |     | ·<br>  |       |             |                |        |              | <del>  -  </del> |         | <del>├                                    </del> |                |              | <del></del> | <del> </del>                                     | <del></del>  | ·            |  |                   |         |
| ł           |     | l  |       |             |                |        | 1            |                  |         |  | -              | - 1          | 1           | 1 1  | į            |              | i  |                   |         |
|             |     | <del> </del> -                                   |       | <del></del> | <del> </del> - |        | <del> </del> |                  |         | <del>├</del>                                     |                | <del>}</del> |             | +  |              | +            |  |                   |         |
|             |     | Ì  |       |             | ł              |        | 1            |                  |         |  | ļ              | - !          | }           |  |              |              |  |                   |         |
|             |     |  |       |             | <b></b>        | ļ      | <del> </del> | <del> </del>     |         | ┼┼   |                |              |             | +  |              | <del></del>  |  |                   |         |
| 1           |     | ł  |       |             | ł              |        | 1            | 1 1              |         |  | ł              | ł            | 1           | 1  |              |              | ;  | !                 |         |
|             |     | <del> </del>                                     |       |             | <del> </del>   |        | +            | <del>  -  </del> |         | <del> </del>                                     |                |              |             | <del>  </del>                                    |              | <del> </del> |  | <del></del>       |         |
| {           |     | 1  |       | 1           | 1              |        | 1            |                  |         | 1  | }              | 1            |             |  |              |              | 1  | 1                 |         |
|             |     | <del> </del>                                     |       |             | <del> </del>   |        | <del> </del> | <del>   </del>   |         | <del>  </del>                                    |                |              |             | <del>  </del> -                                  |              | <del> </del> |  | <del></del>       |         |
|             |     | 1  |       |             | (              |        | ľ            | 1                |         |  | 1              | ł            | İ           |  | 1            | i            | ļ  |                   |         |
| Element (X) |     | Zx2  |       |             | ZX             | Υ.,    | X            |                  |         | No. Obs.   | <del>- 1</del> |              |             | Mean No.   | of Hours wit | h Temperati  |  | ·                 |         |
| Rel. Hum.   |     | <del></del> -                                    | 2853  | <u> </u>    | 692            | 77     |              | 11.0             | 76      | 90   |                | * 0 F        | ≤ 32 F      | ≥ 67 F   | ≥ 73 F       | ≥ 80 F       | ● 93 F   | FT                | otal    |
| Dry Bulb    |     |  | 6471  |             | 577            |        |              | 3.49             |         | 90   |                |              |             | 19.3   | +            | <del> </del> | 1  | <del>-  </del>    | 9       |
| Wet Bulb    |     |  | 4190  |             | 538            |        |              | 4.36             |         | 90   |                |              | <del></del> | 2.4  |              | <del> </del> | <del>                                     </del> |                   | 9       |
| Dew Point   |     | 291  |       | <b>├</b> ── | 509            |        | 56.6         |                  |         | 90   |                |              |             | - 2 9 3  |              | +            | +  | $\longrightarrow$ | 9       |

UL OF AL CLIMATOLOGY BRANCH US AFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17201 LAJES AB AZ 71-80 NO V STATION NAME YEARS PAGE 1 1200-1400 HOURS IC. S. T. Y

| <del></del> -         |              |               |       |       |      | WET         | 0111 0 3     | ENDER    | ATURS    | DEPRES   | SION / |       |         |         |               |             |      | TOTAL              |              | HOURS .      |          |
|-----------------------|--------------|---------------|-------|-------|------|-------------|--------------|----------|----------|--|--------|-------|---------|---------|---------------|-------------|------|--------------------|--------------|--------------|----------|
| Temp.<br>(F)          | 0            | 1.2           | 3 - 4 | 5 . 6 | 7.8  |             |              |          |          |  |        |       | 23 . 74 | 25 . 26 | 27 . 28 2     | 9 . 30      | * 31 | TOTAL<br>D.B. W.B. | Dry Bulb     | Wer Buib     | Dew Poin |
| 74/ 73                | _ <u>`</u> _ |               | . 1   |       |      |             |              |          |          |  |        |       | -3 -3   |         |               |             |      | 6                  |              | <del></del>  |          |
| 72/ 71                |              |               |       | 1.8   |      |             |              |          |          | 1  |        | i     | į       |         |               |             |      | 53                 | 53           |              |          |
| 7 / 69                |              | . 9           |       | 3.3   |      | . 4         |              |          |          | 1  |        |       |         |         |               | :           |      | 132                | 132          |              |          |
| 6-/ 67                |              | 2             | 6.9   | 3.3   | 4.7  | • 7         | . 1          | • 1      |          |  |        |       |         |         |               |             |      | 144                | 144          | 48           | 4        |
| 1 5/ 65               | • 3          | 5.4           | 4.9   | 6.8   | 3.4  | 1.2         | • 2          |          |          |  |        |       |         |         |               | 1           |      | 201                | 201          | 141          | 32       |
| 64/ 63                | 7            |               | 4.3   |       |      | 1.7         | . 2          |          |          |  |        |       |         |         |               | - 1         |      | 205                | 205          |              | 136      |
| 62/ 61                | • 2          |               |       | 2.9   |      | • 7         | • 2          |          |          | ! !  | }      | 1     | 1       |         |               | •           |      | 96                 | 96           |              |          |
| NU/ 59                |              | . 4           |       | 2.4   | 1.2  | 1.2         |              |          |          |  |        |       | ↓       |         |               | !           |      | 53                 | <u> 53</u>   |              |          |
| 5 a/ 57               |              | • 2           | • 4   | _     | • 1  |             |              | i        |          | i l  |        | 1     |         |         | į (           |             |      | 7                  | 7            |              |          |
| 5:/ 55                |              |               |       | • 2   |      |             |              |          |          | <del></del>                                      |        |       |         |         | <del></del>   | <del></del> |      | 2                  | 2            |              |          |
| 54/ 53<br>52/ 51      |              | • 1           |       |       |      |             |              | ł        |          | 1 1  | ł      | ł     | ]       |         | }             | !           |      | 1                  | 1            | 1            |          |
| 50/ 49                |              |               |       |       |      |             |              |          |          | <del>                                     </del> | -+     |       |         |         | <del>  </del> |             |      |                    |              | 23           | 70<br>54 |
| 45/ 47                |              | ] ]           |       |       |      |             |              | !        |          | l i  | Ì      |       |         |         | İ             |             |      |                    |              | , ,          | 37       |
| 45/ 45                |              |               |       |       |      |             |              |          |          | 1  |        |       |         |         |               |             |      |                    |              | <del>-</del> | 26       |
| 44/ 43                |              | (             |       |       |      |             |              | 1        |          | 1 1  | 1      | ł     | }       |         |               | 1           |      |                    |              |              | 14       |
| 42/ 41                |              |               |       |       |      |             |              |          |          |  |        |       |         |         |               | i           |      |                    |              |              | 17       |
| TAL                   | 1.2          | 12.1          | 28.8  | 28.4  | 22.7 | 5,9         | . e          | .1       |          |  |        |       |         |         |               |             |      |                    | 960          |              | 900      |
| 1                     |              |               |       |       |      |             |              |          |          | 1  | ĺ      | 1     | (       |         |               | 1           |      | 900                |              | 900          |          |
|                       |              |               |       |       |      |             |              |          |          | 1  |        |       |         |         |               |             |      |                    | <del></del>  | i            |          |
| 1                     |              |               |       |       | l i  |             |              | ļ        |          |  | 1      | - 1   | j       |         |               |             |      |                    |              |              |          |
|                       |              |               |       |       |      |             |              |          |          | <del></del>                                      |        |       |         |         | <b></b>       |             |      |                    |              | <u> </u>     |          |
| İ                     |              |               |       |       |      |             | [ [          |          |          | 1 1  | 1      | 1     | {       |         | İ             | 1           |      | ! !                |              | 1            |          |
|                       |              | <del></del> - |       |       |      |             |              | <u> </u> |          | ┼  |        |       |         |         |               |             |      |                    |              |              |          |
| }                     |              |               |       |       |      |             |              | ,        |          | 1 1  |        | )     | ]       |         |               |             |      |                    |              |              |          |
|                       |              |               |       |       |      |             |              |          |          | ++   |        |       |         |         |               |             |      |                    |              | <del></del>  |          |
| ĺ                     |              |               |       |       |      |             | ĺĺ           | 1        |          | 1 [  | Ì      |       | i       |         | 1             |             |      |                    |              | 1            |          |
|                       |              | <del> </del>  |       |       |      |             |              |          |          | 1  |        |       |         |         |               |             |      |                    |              | 1            |          |
|                       |              |               |       |       |      |             |              | J        |          |  | ļ      | i     |         |         |               |             |      |                    |              | '            |          |
|                       |              |               |       |       |      |             |              |          |          | 1  |        |       |         |         |               |             |      |                    |              |              |          |
| _                     |              |               |       | _     |      |             |              | L _      |          |  | ł      | }     |         |         |               |             |      | }                  |              | 1            | i        |
|                       |              |               |       |       |      |             |              |          |          | 1  |        |       |         |         |               |             |      |                    |              | 1            |          |
|                       |              |               |       |       | L    |             | L            |          |          |  |        |       |         |         | <u></u>       |             |      | <u></u>            |              | <u> </u>     |          |
| Element (X)           |              | ΣX'           |       |       | ZX   | _           | X            | ₹,       |          | No. Obs  |        |       |         |         |               |             |      | Temperat           |              |              |          |
| Rel. Hum.             |              |               | 5683  |       | 662  |             |              | 11.3     |          | 90   |        | 2 0 F |         | 32 F    | ≥ 67          |             | 73 F | ≠ 80 F             | - 93         | F .          | Total    |
| Dry Bulb              |              |               | 7158  |       | 591  |             |              | 3.3      | -        | 90   | _      |       | +-      |         | 33.           | _           | 6    |                    | <del> </del> |              | 90       |
| Wet Bulb<br>Dew Point |              |               | 3748  |       | 545  |             |              | 9.1      | _        | 90   | _      |       |         |         | 5.            |             |      |                    | <del></del>  |              | 90       |
| DEM FOINT             |              | 293           | 7702  |       | 511  | <u>42  </u> | <u> 56.8</u> | 5.9      | <u> </u> | 90   |        |       |         |         |               |             |      |                    |              |              | _ 9.7    |

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 0.26-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-3 (OL A)

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

. 80 F

≠ 73 F

≥ 67 F

25 .6

LAJES AB AZ 71-80 STATION NAME PAGE 1 1500-1700 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8. W.B. Dry Bulb Wet Bulb Dew Point 74/ 73 . 1 3 3 . 8 72/ 71 1.1 1.0 26 26 73/ 69 . 3 6.1 2.3 1.2 91 91 3 50/ 67 7.9 4.3 2.7 136 136 24 1 61 65 5.9 6.0 5.8 2.4 183 19 • 2 183 112 64/ 63 4.9 5.2 9.1 4.2 227 227 163 621 61 .1 1.1 5.2 3.7 3.9 132 132 146 112 60/ 59 1.3 1.3 3.6 130 81 81 138 5 4/ 57 19 . 3 • 9 19 134 106 56/ 55 102 105 64/ 53 51 70 5.2/ 51 81 50/ 49 57 45/ 47 33 46/ 45 28 44/ 43 10 42/ 41 12 TOTAL 1.014.032.831.916.9 3.3 900 900 900 920

No. Obs.

900

900

900

900

10 F

67581

58352

54126

50941

75.110.408

64.8 3.368

60.1 4.083

56.6 5.594

5172039

3793484

3270124

AC FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUMAL CLIMATOLOGY BRANCH USAFETAC AIM WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

13231 LAJES AB AZ STATION NAME 71-80 1870-2005 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B. W.B. Dry Builb Wer Builb Dew Point 72/ 71 1.2 11: 11 .1 1.9 7./ 69 21 79 13 3 79 he/ 67 6.8 1.2 • 8 6.0 5.7 2.2 13 60/ 65 127 127 65 64/ 63 1.711.7 7.4 7.0 255 255 139 161 • 6 147 170 117 .4 2.6 5.9 6.0 1.4 147 £ 2/ 61 60/ 59 2.2 6.8 6.0 2.2 160 160 98 .9 1.6 2.4 47 5 3/ 57 47 148 87 50/ 55 122 28 28 1.2 1.0 1 .. 2 54/ 53 .7 1.3 18 52; 18 86 5.27 51 • 3 601 143 . 4 5./ 49 4 C 28<sub>1</sub> 4 2/ 47 49 46/ 45 44/ 43 42/ 41 43/ 39 TOTAL 2.125.740.026.1 5.6 900 900 900 950 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 1 32 F 267 F = 73 F = 80 F = 93 F 71551 79.5 9.421 900 20F Total 5768173 Dry Bulb 62.7 3.832 3548981 56411 900 11.1 Wet Bulb 59.0 4.381 <u> 26</u> 3149212 53092 900 اكمد Dew Point 2866100

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ಠ m 0.26

Dew Point

2884932

50658

GL . AL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

NO V 17 231 LAJES AB AZ 2170-2300 HOURS L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | z 31 | D.B. W.B. Dry Bulb Wer Bulb Dew Point 74/ 73 . 1 72/ 71 . 9 7:/ 69 .1 2.4 25 1 25 1 • 1 1.4 7.4 2.3 106 6 3/ 67 106 30 66/ 65 .6 7.0 5.2 2.0 • 2 144 89 144 1.0 8.6 6.1 5.6 + 4/ 53 . 8 199 199 139 111 4 27 61 .3 4.0 5.3 5.2 1.0 145 145 149 109 <u> 50/ 59</u> .1 3.0 5.6 3.9 136 136 102 132 58/ 57 1.1 2.6 2.0 55 76 55 134 103 55/ 55 109 .9 1.6 28 28 54/ 53 1.3 1.2 25 25 60 90 1 2/ 51 .6 1.0 14 59 83 14 53/ 49 . 6 33 52 43/ 47 47 8 40/ 45 40 44/ 43 42/ 41 4 \_/ 39 TOTAL 2.028.640.922.6 5.3 .7 900 900 900 No. Obs. Mean No. of Hours with Temperature Rel. Hum. 900 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 5900893 72367 80.4 9.552 Dry Bulb 3531437 56247 62.5 4.243 900 14 .5 Wet Bulb 3150347 59.0 4.680 53081 900 1.6

900

.4

71-60

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLE AL CLIMATOLOGY BRANCH LEAFETAC AL WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

17211 LAJES AB 42 71-80 \_\_\_ NOV\_\_\_\_ PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 # 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 1 76/ 75 74/ 73 •8 •5 72/ 71 122 122 387 367 16 1 761 761 149 20 7 1/ 69 .2 3.5 . 5 1.0 F 37 67 •4 6.6 2.1 1.3 • D .0 . 1 1168, 1168, 730, 138 1814, 1814, 1140, 945 6/ 65 6.5 5.2 3.1 1.0 • C 64/ 63 9.4 5.6 6.6 2.0 • 0 2.6 5.2 4.3 2.4 12/ 61 1384 1085 1176 920 4../ 59 • 0 .2 2.3 4.8 4.5 2.0 1056 1056 883 1064 5 3/<u>57</u> .1 1.3 1.5 1.5 338 338 1056 721 212 212 841 567 55 .0 1.0 1.0 • 9 758 . 9 14/ 53 120 120 528 661 .6 60 • 5 - 2/ 51 • 3 60 386 6.5 50/ 49 30 30 211 369 . 2 4 1/ 47 • 2 • 9 19 19 54 388 46/ 45 19, 330 44/ 43 121 .. 2/ 41 64 4 1/ 39 10 3 2/ 37 7199 7198 TOTAL 1.925.135.924.710.2 1.9 7198. 7198 Zx' ZX No. Obs. Element (X) X VA Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F Rel. Hum. 78.510.606 7198 ± 0 F 45153642 564968 Dry Bulb 129.2 2.2 454503 63.1 4.214 7199 28822521 Wet Bulb 59.2 4.610 720 25374198 426078 7198 16.8 Dew Point 404394 56.2 5.839 22964840 7198

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| GL   | )5 | A | L | C   | L | IM | T | 0 L | 06 | Y  | ВЯ  | A | N C | Н |
|------|----|---|---|-----|---|----|---|-----|----|----|-----|---|-----|---|
| 5 نا | AF | Ē | T | A C |   |    |   |     |    |    |     |   |     |   |
| AT   | e. |   | E | A T | н | ER | S | ER  | VI | CE | / " | A | C   |   |

#### **PSYCHROMETRIC SUMMARY**

| STATION              | LAJES AB  | AZ :        | TATION NAMI      | E              |              | 71-80             |               | YE                                      | ARS        |                |              |              | <u></u>    | · <del>.</del> |
|----------------------|-----------|-------------|------------------|----------------|--------------|-------------------|---------------|---|------------|----------------|--------------|--------------|------------|----------------|
|                      |           |             |                  |                |              |                   |               |   |            |                | PAGE         | Ī            | CG23-      | . <u>02 .</u>  |
| Temp.                |           |             |                  | WET BULB T     | EMPERATU     | RE DEPRESSION     | (F)           |   |            |                | TOTAL        |              | TOTAL      |                |
| (F)                  | 0 1-2 3-  | 4 5.6       | 7 - 8 9          | - 10   11 - 12 | 13 - 14 15 - | 16 17 - 18 19 - 3 | 20 21 - 22 23 | - 24 25 - 26                            | 27 - 28 29 | - 30 ≥ 31      |              | ry Bulb      | Wet Bulb ( | Dew Po         |
| 4-/ 67               |           | .6          | - 1              |                |              |                   |               | 1                                       | į          |                | . 7          | 7            |            |                |
| 55/ 65               | 1.0 1     |             |                  |                |              |                   |               |   |            |                | 29           | 28           |            |                |
| 4/ 63                | 6.6 4     |             |                  | • 1            | į            | - I               |               |   |            |                | 140          | 140          |            | -              |
| + 2/ 61<br>+ J/ 59   | .1 3.5 7  |             |                  |                |              |                   |               |   |            |                | 136          | 136          |            |                |
| 5 3/ 57 (            | 1.1 4.6 8 | 7 7.8       | 1 1              | • 3            |              | 1                 |               | ' i                                     | ;          |                | 239<br>146   | 239          | 110        | ن 1<br>9       |
| 56/ 55               | •3 4•D 3  |             |                  | • 1            |              | +                 |               | <del></del>                             |            |                | 115          | 115          |            |                |
| 14/ 53               | 1 1.4 2   |             |                  |                |              |                   |               | · · ·                                   | i          |                | 51           | 51           | 137        | ç              |
| 2/ 51                | 1.1 1     |             |                  |                |              |                   | <del> </del>  |   |            |                | 27           | 27           |            | <u>`</u>       |
| 5 1/ 49              | 1.2 1     |             |                  |                |              |                   |               |   |            |                | 22           | 22           | 8.0        | 9              |
| 4 1/ 47              | • 5       | . 5         |                  |                |              |                   |               |   | 1          |                | 10           | 10           | 52.        |                |
| 41/ 45               |           | .1          | 1                |                |              |                   |               |   |            |                | 6            | 6            | 16         |                |
| 44/ 43               | • 1       |             |                  |                |              |                   |               | ; 1                                     | !          |                | ; 1          | 1            |            | 4              |
| 42/ 41               | • 2       | _           | <del> </del>     |                |              |                   |               |   |            |                | <u> </u>     | 2            |            | 4              |
| 4 3/ 39<br>3 3/ 37   |           |             | 1                |                |              |                   |               |   |            |                |              |              |            | 1              |
| CTAL                 | 1.930.335 | 907 7       | 0 1              | .5             |              |                   | +             |   |            |                |              | 930          |            | 93             |
|                      | 1         | , ok 3 .    |                  | • 3            |              | 1 1               |               | 1                                       |            | 1              | 930          | 430          | 930        |                |
|                      |           |             | <del>    -</del> |                |              |                   | +             |   |            | ·              | 1 / 3 -      |              |            |                |
|                      |           | }           |                  | 1              |              |                   |               | !                                       | 1          | ı              | 1            | ;            |            |                |
|                      |           |             |                  |                |              |                   |               |   |            |                | 1            |              |            |                |
|                      |           |             | 1_1_             |                |              | _   _             |               | '                                       |            | <del>-</del>   |              |              |            |                |
| ì                    |           |             | 1 1              |                |              | 1 1               |               |   |            |                | j :          | į            |            |                |
|                      |           |             |                  |                |              | _                 |               |   |            | · <del>-</del> | <del></del>  |              |            |                |
| ĺ                    |           |             |                  |                |              | 1 1               |               |   |            | į              | į.           |              |            |                |
|                      |           | <del></del> | <del> </del>     |                | <del></del>  |                   | <del></del>   |   |            | <del></del>    | <del>-</del> |              |            |                |
|                      |           |             | 1                |                | ļ            |                   |               | _ i                                     |            |                | 1 :          | :            |            |                |
|                      |           |             | 1                |                |              |                   | +             | <del></del>                             |            |                | <del></del>  |              |            |                |
| İ                    |           |             |                  |                |              |                   |               |   |            | 1              |              |              |            |                |
|                      |           | <del></del> |                  |                |              |                   |               |   |            | <del></del> -  | <del>-</del> |              |            |                |
|                      |           | 1           |                  | }              |              |                   |               |   | i          | 1              | 1            |              |            |                |
|                      |           |             |                  |                |              |                   |               |   |            | :              | : 1          | 1            |            |                |
|                      |           |             |                  |                |              |                   |               |   |            |                | 1            |              |            |                |
| Element (X)          | Z x 2     |             | Ż X              | X              | •,           | No. Obs.          | <u> </u>      | <del></del> -                           |            |                | th Temperatu |              |            |                |
| Ref. Hum.            | 58754     |             |                  | 78.8           |              | 930               | 20F           | : 32 F                                  | ≥ 67 F     |                | - 80 F       | , 93 F       | : T        | oral           |
| Dry Bulb<br>Wet Bulb | 321849    |             | 54570            |                |              | 930               | <del> </del>  | <del> </del> -                          | .,7        | <del> </del>   | <del></del>  | <del> </del> |            | - 5            |
| Dew Point            | 283566    |             | 51180            |                | 4.539        | 930               | <del>\</del>  | ļ                                       |            | <del> </del>   | <del> </del> |              |            | - 3            |
| OEM FOINT            | 25422     | 131         | 4833             | 7 52.0         | 5.671        | 930               | ٠             | نــــــــــــــــــــــــــــــــــــــ |            | <u> </u>       |              |              |            | ÿ              |

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UL PAR CLIMATOLOGY BRANCH UNAFETAC AIR MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17201 LAJES AS AZ STATION NAME PAGE 1 <u>0320-0500</u>

| Temp.       |     |          |          |              |          | WET    | BULB     | TEMPER  | ATURE   | DEPRE        | SSION (F | )          |               |               |           |               |      | TOTAL  |              | TOTAL    |        |
|-------------|-----|----------|----------|--------------|----------|--------|----------|---------|---------|--------------|----------|------------|---------------|---------------|-----------|---------------|------|--|--------------|----------|--------|
| (F)         | 0   | 1 - 2    | 3 - 4    | 5 - 6        | 7 - 8    | 9 - 10 | 11 - 12  | 13 - 14 | 15 - 16 | 17 - 18      | 19 - 20  | 21 - 22 2: | 3 - 24 25     | - 26          | 27 - 28 2 | 9 - 30        | * 31 | D.B. W.B.                                    | ry Bulb      | Wet Bulb | Dew Po |
| 6. 1/ 67    |     |          | • 5      |              |          |        |          |         |         |              |          |            | 1             | -             | :         |               |      | 5  | 5            |          |        |
| 16/ 65      |     | 1.3      | 1.0      |              |          | • 1    |          |         |         | 1 . 1        |          | _ 1        | i i           |               |           |               |      | 29   | 29           |          |        |
| 54/ 63      | . 4 | 6.6      |          |              | • 5      | • 1    |          |         |         | 1            |          |            |               |               |           | •             |      | 131  | 131          | ن 4      | 1      |
| 62/ 61      | . 1 | 2.9      | 7.4      | 2.7          | 1.3      |        |          |         |         |              |          |            | 1             | 1             |           |               |      | 134  | 134          | 8.5      | _ 3    |
| 1/ 59       | • 9 |          |          | 7.8          |          | • 1    |          |         |         |              |          |            |               |               |           |               |      | 248  | 248          | 91       | 8      |
| 50/ 57      | • 5 |          | 4.4      |              |          |        |          |         |         | _ 1          | 1        |            |               |               |           |               |      | 146  | 146          | 138      | 9      |
| 54/ 55      | . 8 | 3.0      | 2.6      | 4.4          | 1.2      |        |          |         |         |              |          |            | ;             | i             |           |               |      | 111  | 111          | 153      | 13     |
| 54/ 53      | • 2 | 2.6      | 2.2      | 1.1          | • 5      |        |          | 1       |         |              |          |            | :             |               |           |               | _    | 61   | 61           | 145      | 7      |
| 52/ 51      | • 1 | • 3      | 1.1      | . 4          |          |        |          |         |         |              |          |            |               |               | ,         |               |      | 18   | 18           | 117      | 11     |
| 50/ 49      |     | . 9      | 1.7      |              |          |        | <u></u>  |         |         |              |          |            | 1             |               |           |               |      | 24   | 24           | 8.2      | 7      |
| 4 / 47      |     | 1.8      |          | • 3          |          |        |          |         |         |              |          |            |               |               |           |               |      | 20   | 20           | 52       | 6      |
| 40/ 45      |     | .2       |          | ļ            |          |        |          |         |         |              |          |            | j             | i             | i         |               |      | 2  | . 2          | 21       | 11     |
| 4/ 43       |     | • 1      |          |              |          |        |          |         |         |              |          | 1          |               |               |           |               |      | 1  | 1            | 4        | 6      |
| 42/ 41      |     |          |          | <u> </u>     |          |        | l _      |         |         |              |          |            |               |               |           |               |      |  |              | 2.       |        |
| 4 3/ 39     |     | ]        |          | ]            |          |        |          |         |         |              |          |            | :             | - 1           |           |               |      |  |              |          | 1      |
| 3 3/ 37     |     |          |          | ļ            | ll       |        | ļ        |         |         |              |          |            |               |               |           |               |      | <u>.                                    </u> |              |          |        |
| ₹6/ 35      |     |          |          | }            | _        |        |          |         |         |              |          | į          |               | _ [           |           |               |      | 1  |              | ,        |        |
| UTAL        | 3.0 | 29.6     | 34.7     | 23.0         | 9.4      | • 3    |          |         |         |              |          |            |               |               |           |               |      |  | 930.         |          | 93     |
|             |     |          |          |              |          |        |          |         |         |              | ĺ        |            | ĺ             | ,             | i         |               |      | 930  |              | 930      |        |
|             |     |          |          |              |          |        | <u> </u> |         |         |              |          |            |               |               | i         |               |      |  |              |          |        |
|             |     |          |          |              |          |        |          |         |         |              | ļ        |            | †             | Ì             | i         |               |      |  | Ī            |          |        |
|             |     | ·<br>•   | L        | L            |          |        | <u> </u> |         |         |              |          |            |               |               |           |               |      | <b></b>                                      |              |          |        |
|             |     |          | }        |              |          |        |          | }       |         |              | ĺ        |            |               | į             | ļ         |               |      | į į  | i            | j        |        |
|             |     |          | l        | <u> </u>     |          |        | L        |         |         |              |          |            |               | i             |           | ·             |      |  |              | i        |        |
|             |     | [        |          | ĺ            | í í      |        | ĺ        | 1 1     |         | 1 1          | 1        |            |               | 1             | İ         | į             |      | ,  |              | i        |        |
|             |     |          |          |              |          |        | <u> </u> |         |         |              |          |            |               |               |           |               |      |  |              |          |        |
|             |     |          |          |              |          |        | ļ        |         |         |              |          |            |               | i             |           |               |      | :  | ļ            |          |        |
|             |     | <u> </u> | <u></u>  | L            |          |        | ļ        |         |         |              |          |            |               |               |           |               |      |  |              |          |        |
|             |     |          | }        |              |          |        |          | I       |         |              | 1        | ļ          |               | ĺ             | i         | Ì             |      | 1  | 1            | Ī        |        |
|             |     | <u> </u> | L        | L            |          |        |          |         |         | <u> </u>     |          |            |               | _             |           |               |      |  |              |          |        |
|             |     | (        | 1        |              |          |        |          |         |         |              | 1        | 1          | Ì             | 1             | İ         |               |      | 1  |              | į        |        |
|             |     |          | <u> </u> | ļ            |          |        | ↓        | 1       |         | $oxed{oxed}$ |          |            |               |               |           |               |      |  |              |          |        |
|             |     |          |          |              |          |        |          |         |         |              | [        | -          |               |               | -         | 1             |      | į į  | ļ            | 1        |        |
|             |     | <u> </u> |          |              | لــــــا |        | <u> </u> |         |         | ليبا         |          |            |               |               |           | لب            |      | <u> </u>                                     |              |          |        |
| Element (X) |     | ΣX,      |          |              | ZX       |        | <u> </u> | - *x    | +       | No. Ob       |          |            | <del>-,</del> | <del></del> , |           |               |      | Temperatu                                    | <del></del>  |          |        |
| Rel. Hum.   |     |          | 7503     | <del> </del> | 732      |        |          | 0.90    | _       |              | 30       | 5 0 F      | = 32          | 2 F           | ≥ 67 F    | <del></del> - | 73 F | ≥ 80 F                                       | ≥ 93 f       |          | otel   |
| Dry Bulb    |     |          | 8339     |              | 544      |        |          | 4.12    |         |              | 30       |            | +             |               |           | 5             |      |  | <del> </del> |          | 9      |
| Wet Bulb    |     |          | 9002     |              | _511     |        |          | 4.52    | _       |              | 30       |            | <del></del>   |               |           |               |      | ļ  | <b>├</b>     |          | - 5    |
| Dew Paint   |     | 253      | 0519     | 1            | 482      | 13l    | 51.8     | 5.78    | 131     | 9            | 30       |            | - 1           | ĺ             |           | ł             |      | 1  | 1            | (        | •      |

SUBSAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

17 ZUL LAJES AB AZ 71-80 DEC MONTH
STATION STATION NAME YEARS

PAGE 1 C6UC-C8UC HOLES U.S.Y.

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

| Temp.        |      |              |        |       |                | WET    | BULB 1  | EMPERAT  | URE DEPR       | ESSION      | (F)  |              |  |           | TOTAL                                  |              | TOTAL  |     |
|--------------|------|--------------|--------|-------|----------------|--------|---------|--|----------------|-------------|--|--------------|--|-----------|--|--------------|--|-----|
| ( <b>F</b> ) | 0 1  | - 2          | 3 - 4  | 5 - 6 | 7 · 8          | 9 - 10 | 11 - 12 | 13 - 14 15                                       | - 16 17 - 1    | 19 - 20     | 21 - 22 23                                       | - 24 25 - 26 | 27 - 28 29                                       | - 30 - 31 |  | bry Bulb     |  | Dew |
| 6 / 67       |      |              | . 9    | • 2   |                |        |         |  |                |             |  |              | 1  |           | 12                                     | 12           | •  | -   |
| 6/ 55        | j :  | 1.5          | - 1    | . 3   | 7-1            |        |         |  | i              | 1           |  |              |  |           | 27                                     | 27           | 4  |     |
| 4/ 63        |      | 5, 4         |        |       |                |        |         | 1  | 1              | <del></del> |  |              | <del></del>                                      |           | 131                                    | 131          | 38   |     |
| 627 61       | . 4  | 4 . 1        | 5.7    | 1.4   | . 8            | . 1    |         | 1  | Í              | 1           | 1  | i            | i  |           | 116                                    | 116:         | 78   |     |
| . / 59       | 1.0  | 5.1          | 8.8    | 8.6   | 2.7            | • 1    |         |  | 1              |             |  | ·······      |  |           | 244                                    | 244          | 89   |     |
| 5 ./ 57      | • 5  | 5.4          | 3.C    | 2.8   | 1.5            |        |         |  |                | ļ           | <u> </u>   |              | i  |           | 123                                    | 123          | 152  |     |
| 5 ./ 55      | • 3  | 3 . 3        | 2.7    | 5.5   | 1.4            | T      |         |  |                | 7           |  |              |  |           | 123                                    | 123          | 137  | ]   |
| 54/ 53       | • 2  | 1.7          | 2.5    | 1.1   | . 4            |        |         |  | <u> </u>       |             |  |              |  |           | 55                                     | 5.5          | 133  |     |
| 52/ 51       | • 2  | 2.7          | 2.0    | • 2   | • 1            |        | !       |  |                |             | } }  | •            | 1 '  |           | 49                                     | 49           | 30   | 1   |
| 5 / 49       |      | 1.3          | . 9    | • 2   | • 2            |        |         |  | <del>-</del>   | 1           | ļ<br>  |              |  |           | 24                                     | 24           | 114  |     |
| 4 47         | 1:   | 1.5          | • 5    | į     |                |        |         |  | (              | 1           | 1 1  |              | :  |           | 19                                     | 19           | 58   |     |
| 40/ 45       |      | . 8          |        |       |                |        |         |  |                |             |  |              | <u> </u>   |           | 7_                                     | 7.           | 23   |     |
| 44/ 43       |      | Í            |        |       | Ì              | 1      |         |  | 1              | İ           | 1 1  |              |  |           |  |              | 8  |     |
| 42/ 41       |      |              |        |       |                |        |         |  |                | <del></del> | <u> </u>   |              |  |           | · · · · · · · ·                        |              |  |     |
| 47/ 39       | 1    | 1            | 1      | l     | 1              | 1      |         |  | į              |             |  |              |  |           |  |              |  |     |
| 3 %/ 37      |      |              |        |       |                |        |         |  |                | +           | <del></del>                                      |              |  |           | ·· ·                                   |              |  |     |
| 3c/ 35       | 1    | i            |        |       | }              |        |         |  |                |             |  |              |  |           |  |              |  |     |
| , 33         | 2 02 |              |        | -     |                |        |         |  |                | +           | <del>├──</del>                                   |              |  |           |  | 930          |  |     |
| CIAL         | 2.93 | 2.13         | 3 . 11 | 23.9  | 7 • 3          | • 2    |         |  |                |             |  |              |  |           | 930                                    | 430          | 930  | •   |
|              |      |              |        |       |                |        |         |  |                | +           | <del>  -</del>                                   |              | •  |           | 7 2 1                                  |              | 730  |     |
| -            |      | į            |        |       | 1              | -      |         |  |                | 1           |  |              |  |           |  | - 1          | 1  |     |
|              |      |              |        |       | -              |        |         | <del>                                     </del> |                | +           | <del>                                     </del> |              |  | •         | i-                                     |              |  |     |
| į            |      |              | i      |       |                | 1      |         | }  |                |             |  |              |  |           | !                                      |              |  |     |
| i            |      |              |        |       |                |        |         |  |                | 1           |  |              | * ·  |           |  |              |  | _   |
| 1            | }    | -            | 1      |       | · }            | ]      |         | }  | 1              | 1           |  | ì            |  |           |  | 1            |  |     |
|              |      |              |        |       |                |        |         |  |                | 1           |  |              | <del>,                                    </del> |           | · · · · · · · · · · · · · · · · · · ·  |              |  |     |
| 1            |      | 1            | j      |       |                | }      |         | 1 1  | 1              |             | } }  | i            | !  | i         |  | !            | :  |     |
|              |      |              |        |       |                |        |         |  |                | 1           |  |              | -  |           | i                                      |              |  |     |
|              |      | ĺ            | -      |       | 1              |        |         | }  |                | ]           |  |              | 1 1  |           |  | 1            | ř.   |     |
|              |      |              |        |       |                |        |         |  |                | T           | [ ] ]  |              | 1  |           |  |              |  |     |
|              |      |              |        |       |                |        |         |  |                | <del></del> |  |              | <u> </u>   | 1         | ······································ |              |  |     |
|              | -    |              |        |       |                | 7      | _       |  | }              |             |  |              | 1  |           |  |              |  |     |
|              |      |              |        |       |                |        |         |  | <del>,</del> _ | 1           |  |              | ! !  |           | <del></del>                            |              |  |     |
| Element (X)  |      | x²           |        |       | z <sub>X</sub> | -      | X       | <b>₹</b>   | No. C          |             |  | <del></del>  | <del></del>                                      |           | th Temperatu                           | ,            |  |     |
| Rel. Hum.    |      | <u> 5967</u> |        |       | 7383           |        |         | 1C.659   |                | 730         | ± 0 F  | : 32 F       | ≥ 67 F   | ≥ 73 F    | ≥ 80 F                                 | + 93 F       | T  | ota |
| Dry Bulb     |      | 3192         |        |       | 5424           |        |         | 4.420  |                | 30          |  | <del> </del> | 1.2  | ļ         | <del></del>                            | <del> </del> | <del>-                                    </del> |     |
| Wet Bulb     |      | 2 8 1 5      |        |       | 5097           |        |         | 4.72   |                | 930         |  | <del> </del> | 1  | ļ         | <del> </del>                           | <del></del>  |  |     |
| Dew Point    |      | 2529         | 291    |       | 4819           | 15L_   | 51.8    | 5.842  | 21 '           | 730         |  | L            | 1  | 1         | L _                                    | Ì            | İ  |     |

OL BAL CLIMATOLOGY BRANCH UN AFETAC AIN WEATHEM SERVICE/MAC

#### PSYCHROMETRIC SUMMAR'

1°271 LAJES AB AZ 71-80 VEARS VEARS PAGE 1 DECC

| Temp. (F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 1.72 1.76 1   |                   |   | PAGE               | Ł I         |                |
|--|-------------------|---|--------------------|-------------|----------------|
| 7 / 69   |                   |   | TOTAL              |             | TOTAL          |
| 6 - / 67   | 2 23 - 24 25 - 26 | 27 - 28 29 - 30                         |                    | Dry Buib    | Wet Buib Dew P |
| * 67 65  | 1                 | 1                                       | 2                  | 2           |                |
| Fig. 4. 63   | <del></del>       | <del></del>                             | 25.                |             | <u> </u>       |
| # 27 61  |                   |   | 51                 | 51          | 7              |
| Figure 1 (X)   | <del></del>       |   | . 192              |             | . 59 1         |
| 5 // 57  | 1                 |   | 151                | 151         | 115 6          |
| 5 c / 55   1 · 0   2 · 4   3 · 2   6   1   | <del></del>       | <del></del>                             | 262.               |             | •              |
| * 4/ 53  |                   | 0.00                                    | 116                | 116         | 167            |
| Figure (X)  Figure | <del></del>       | ·                                       | 69                 |             |                |
| Figure (X)   |                   |   | 31<br>19           | 31          | 130            |
| 4 / 47   | <del></del>       | • | 6                  |             |                |
| 4 1/ 45  |                   |   | 0:                 | . 7         |                |
| Element (X)  | +                 | <del></del>                             | ——— <del>3</del> : | 3           |                |
| # 2/ 41<br># _/ 39<br>7 0/ 35<br>0 TAL 1.024.033.729.211.5 .6<br>Element (X) Zx² Zx X Z X No. Obs.<br>Rel. Hum. 5614139 71587 77.010.566 930 x 0   |                   | 1                                       |                    | ,           | 2:             |
| 4 _ / 39<br>7 0 / 35<br>0 TAL 1.024.033.729.211.5 .6<br>Element (X) Zx² Zx X X X No. Obs.<br>Rel. Hum. 5614139 71587 77.010.566 930 x 0  | <del></del>       | ·                                       | <del></del>        |             | · <del></del>  |
| TO/ 37 76/ 35 0 TAL 1.024.033.729.211.5 .6  Element (X) Zx2 Zx X X X No. Obs.  Rel. Hum. 5614139 71587 77.010e566 930 x 0  |                   |   | !                  |             |                |
| Element (X)  | <del></del>       | ·                                       |                    |             |                |
| Element (X) Zx2 Zx X 7x No. Obs.  Rel. Hum. 5614139 71587 77-010-566 930 20  | ;<br>1            | 1                                       |                    |             | 1              |
| Element (X) Zx² Zx X X x No. Obs.  Rel. Hum. 5614139 71587 77-010-566 930 z 0  | <del></del>       | <del>+</del>                            |                    | 930         | 9.             |
| Rel. Hum. 5614139 71587 77-010-566 930 20  | :                 |   | 930                |             | 930            |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   |   |                    |             |                |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   | 1 + 1                                   | i                  |             | · i            |
| Rel. Hum. 5614139 71587 77-010-566 930 =0  |                   |   | ! !                |             |                |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   |   |                    |             | j              |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   |   |                    |             | 1              |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   | <u> </u>                                |                    |             | i i            |
| Rel. Hum. 5614139 71587 77-010-566 930 20  | 7                 |   |                    |             |                |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   | <u>i l l l</u>                          |                    |             |                |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   |   |                    |             | i              |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   |   | ii                 |             | li             |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   |   | i                  |             |                |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   | <u> </u>                                |                    |             | <b>.</b>       |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   |   | 1                  |             |                |
| Rel. Hum. 5614139 71587 77-010-566 930 20  |                   | Mean No. of Hour                        | s with Tempores    |             | <u> </u>       |
| 3014137 /130/ //4004300 730  | 0 F = 32 F        | ≥ 67 F ≥ 73                             |                    | + 93 I      | F Total        |
| Dry Bulb 3378249 55935 60.1 3.886 930  |                   | 2.7                                     |                    | +           | 10.01          |
| Dry Bulb         3378249         55935         60.1         3.886         930           Wer Bulb         2946829         52189         56.1         4.417         930  |                   |   | <del></del>        | +           |                |
| Dew Point 2617794 49048 52.7 5.778 930   |                   | +                                       |                    | <del></del> |                |

USAFETAC FORM ARE OBSOLETE JUN 71 0-26-3 (OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL PAL CLIMATOLOGY BRANCH LEAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1 201 LAJES AB AZ 71-80 DEC MONTH

STATION STATION NAME YEARS PAGE 1 1200-1400 HOURS (LL 5, T.)

| Temp.       |     |               |               |         |         | WET         | BILL B. 1  | FMPERA   | THE    | DEPRESSION                                       | (E)  |               |                 |             |             | TOTAL          |  | TOTAL       |                |
|-------------|-----|---------------|---------------|---------|---------|-------------|--|--|--------|--|--|---------------|-----------------|-------------|-------------|----------------|--|-------------|----------------|
| (F)         | 0   | 1 - 2         | 3 - 4         | 5 - 6   | 7 - 8   |             |  |  |        | 17 - 18 19 - 2                                   |  | 2 24 25 1     | 6 27 29         | 20 70       | . 21        |                | New Bulk   |             | Daw Pa         |
| 7.2/ 71     |     | 1.2           |               |         | • 2     | • 1         |  | 13 - 14  | 3 - 10 | 17 - 18 17 - 2                                   | 0 21 - 22 2                                      | 3 . 24 23 . 2 | 27 - 28         | 27 - 30     |             | 5              | 5  |             |                |
| 7 / 69      |     |               | • 1           | •1      | .5      | • 1         |  |  |        |  |  | i<br>I        | 1               |             |             | 17             | 17   |             |                |
| t. / 67     |     |               | 2.5           |         |         | <del></del> | <del>                                     </del> |  |        | <del>  </del>                                    | <del></del>                                      |               | <del></del>     |             |             | 39             | 39   |             |                |
| 66/ 65      |     | 2.4           |               |         | . 6     |             |  |  |        |  |  |               |                 |             |             | 100            | 100  | 1           |                |
| 64/ 63      | •1  |               |               | 9.8     | 1.2     |             |  |  |        | <del>  </del>                                    | <del>  -  </del>                                 |               |                 |             | •           | 239            | 239  | 14          |                |
|             |     | 1 1           | 1             |         |         | . 8         | 1 1  |  |        |  |  |               |                 |             |             |                |  | 82          | 1              |
| · 2/ 61     |     |               | 5.2           |         |         | _ • 2       |  |  |        | <del>  </del>                                    | ++   |               | +               |             |             | 179            | 179  | 113         |                |
| 5.1/ 59     | 1.1 |               | 1             | 9.1     |         | • 3         | 1 1  |  |        | 1 1  | 1 1  | ļ             |                 |             |             | 248            | 248  | 137         | 11             |
| 5 / 57      |     | • 6           |               |         |         |             | -  |  |        | <del>  </del>                                    | <del> </del>                                     |               | <del></del>     |             |             | 49:            | 49   | 179         | 11             |
| 5 5/ 55     |     | • 5           | 1             | 2.0     |         |             | ] ]  |  |        | ] ]  |  |               |                 |             |             | 33             | 33   | 161         | 11             |
| 54/ 53      |     | • 3           | • 5           | 6       | 1       |             | -  |  |        | <del>  </del>                                    | <del> </del>                                     |               | <del>-i</del> ; |             | <del></del> | 15             | 15   | 121         | 1 <u>C</u>     |
| ° 2/ 51     |     |               | . 1           | • 2     |         |             |  |  |        | 1 1  |  |               | 1 1             |             | I           | 2              | 2  | 60          |                |
| 57/49       |     |               |               | . 1     |         |             |  |  |        | <del>                                     </del> | ++   |               |                 |             | ·           |                |  | 43          |                |
| 4 3/ 47     |     |               |               |         |         |             |  |  |        | 1  | 1  |               | : :             |             | į           | 1              |  | 1.3         | 6              |
| 45/ 45      |     | <del> </del>  | <u> </u>      |         |         | <u> </u>    | <del> </del>                                     |  |        | <del>  </del>                                    | <del>  -</del>                                   |               | <del></del>     |             | <del></del> | <del></del>    |  | 2           | 7              |
| 44/ 43      |     |               | 1             |         |         |             |  |  |        | 1  | 1 1  |               |                 |             | i           | 1              |  | 1;          | 3              |
| 42/ 41      |     |               |               | ~       |         |             | +  |  |        | <del>  </del>                                    | <del> </del>                                     |               | <del></del>     |             |             | <del></del>    |  |             | 2              |
| 4 6/ 39     |     |               |               |         | 1       |             |  |  |        |  |  | į             | i ·             |             |             | : '            |  |             |                |
| 73/ 37      | . 7 | 15.4          | 35 0          | 7. 0    | 20 0    | 1 /         | +  |  |        | <del>  </del>                                    | ++   |               | <del></del>     |             |             | <del></del>    | 927  |             | 92             |
| CIAL        | 1.5 | 13.4          | 23.7          | 30.0    | × u • u | 1.4         | '}   |  |        | 1  | 1 :  | 1             | ! .             |             | 1           | 927            | 421  | 927         | 72             |
|             |     |               |               |         |         |             | +  |  |        | <del>  </del>                                    | +  | <del></del> - | <del></del> -   |             | •           | 921            |  | 721         |                |
| ]           |     | ]             |               |         |         |             | ]  | ]  |        | ]  |  | i             |                 |             |             | ' j            |  |             |                |
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| [           |     |               |               |         |         |             |  |  |        | 1 1  |  |               |                 |             | l           | •              |  |             |                |
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| ļ           |     | ļ .           |               |         |         |             | )  |  |        |  |  |               |                 |             | ı           |                |  |             |                |
| Element (X) |     | Z x 2         |               |         | ž x     |             | ¥  |  | $\neg$ | No. Obs.   | +  |               | Mean N          | o, of H     | Ours wit    | h Temperatu    | re   |             |                |
| Rel. Hum.   |     |               | 8036          |         | 683     | 72          |  | 10.65  | 7      | 927  | ± 0 F  | ± 32 F        |                 |             | 73 F        | ≥ 80 F         | € 93 F   | . 1         | Total          |
| Dry Bulb    |     |               | 2076          |         | 573     |             |  | 3.45   |        | 927  | <del> </del>                                     | † · · · ·     | 5               | <del></del> |             | ·              | 1  |             | 9              |
| Wet Bulb    |     |               | 2043          |         | 529     |             |  | 4.07   | -      | 927  | <del>                                     </del> |               |                 | •1          |             | <del> </del>   | <del>                                     </del> | <del></del> | <del></del>    |
| Dew Point   |     |               | 5642          | <b></b> | 493     | _           |  | 5.58   |        | 927  | <del> </del>                                     |               | +               | ••          |             | <del> </del> - | <del> </del>                                     | <del></del> | <del>- 4</del> |

JS AFETAC AIH WEATHER SERVICE/MAC 17201 LAJES AB AZ STATION NAME

GL HAL CLIMATOLOGY BRANCH

#### PSYCHROMETRIC SUMMARY

\_\_\_\_\_<u>U</u>EC\_\_\_

PAGE 1 1500-1750 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 72/ 71 • 1 1 7.1 69 • 5 53/ 67 1.5 1.2 • 5 30 30. <u> 6/ 65</u> 1.5 4.0 2.2 73 73 64/ 63 201 5.0 6.4 8.2 1.9 201 63 2.9 6.6 7.3 3.6 190 190 12/ 61 197 .6 4.7 7.913.6 4.4 120 50/ 59 268 208 129 182 105 53/ 57 2.0 2.0 2.5 2.0 81 31 .9 3.3 • 1 50/ 55 . 9 48 48 179 133 4/ 53 19 103, .6 .4 .6 19 100 ° 2/ 51 5 73 152 5 - 1 . 4 50/ 49 96 66 2 2 43/ 47 . 2 12 54 40/ 45 <u>60</u> 44/ 43 38 42/ 41 43/ 39 35/ 37 35/ 35 1.117.030.436.813.8 927 927 927 927 Element (X) Zx, **€** R No. Obs. Mean No. of Hours with Temperature 10F 75.210.072 ± 32 F ≥ 73 F ≥ 93 F 5334896 69702 927 Dry Bulb 3470465 56627 61.1 3.498 927 3.9 93 Wet Bulb 2991010 52520 56.7 4.084 927 93 53.0 5.445 Dew Point 49153 2633733 927

71-80

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ULUBAL CLIMATOLOGY BRANCH L'AFETAC AIR DEATHER SERVICE/MAC 17201 LAJES AB AZ STATION STATION

#### **PSYCHROMETRIC SUMMARY**

PAGE 1 1800-2000

DEC

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 6-/ 67 . 8 • 2 12 12 f 6/ 65 . 6 2.8 1.3 44 5.8 5.2 3.2 44/ 63 132 132 40 11 52/ 61 3.7 7.0 2.5 1.9 145 145 90 43 1 1 59 7.210.310.3 2.2 283 283 116 91 F :/ 57 .6 4.0 5.1 4.3 1.4 146 146 153 138 • 9 55/ 55 1.9 2.6 3.0 78 78 152 110 4/ 53 1.7 1.4 1.5 46 46 150 87 .5 1.8 52/ 51 26 26 99 105 . 4 50/ 49 1.0 10 10 66 97 4 -/ 47 • 1 2 2 44: 84 46/ 45 10 81 44/ 43 4 C 42/ 41 26 4 / 39 10 30/ 37 35/ 926 1.725.538.226.9 7.1 926 926 926 No. Obs. Rel. Hum. 78.4 9.767 5 0 F 1 32 F ≥ 67 F 5778330 72588 926 ≠ 73 F \* 80 F 59.3 3.762 55.6 4.273 Dry Bulb 54957 3274725 926 1.2 Wet Bulb 51483 2879197 926 Dew Point 48614 52.5 5.466 2579816 926 93

71-80

FETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL MAL CLIMATOLOGY BRANCH ECAFETAC Al- WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMAR**

STATION STATION NAME 71-80 PAGE 1

| Ţ           |       |          |       |       |         | WET          | BIII P       | TEMPER/  | TUPE | DEDDE  | SSION | /E\          |               |          |        |               |      |  | TOTAL        |         | TOTAL                                 |      |
|-------------|-------|----------|-------|-------|---------|--------------|--------------|--|------|--------|-------|--------------|---------------|----------|--------|---------------|------|--|--------------|---------|---------------------------------------|------|
| Temp.       | 0     | 1 - 2    | 3 - 4 | 5 - 6 | 7 - B   |              |              |  |      |        |       |              | 22 23         | . 24 29  | 5 . 26 | 27 . 28       | 29 . | 30 + 31  | D.B. W.B.    | ry Bulh |                                       | Dew  |
| 7 / 69      |       |          | •2    |       |         |              |              | -  |      |        |       | <del></del>  | -             |          |        |               |      |  | 2            | 2       | •——•                                  |      |
| 6 / 67      |       |          | 1.4   | • 3   | • 1     |              |              |  |      |        | !     |              | i             |          |        | 1             |      |  | 17           | 17      |                                       |      |
| 66/ 65      |       | 1.5      | 2.6   |       |         | <u> </u>     |              |  |      |        |       |              |               |          | i      | í             |      |  | 50           | 50      | . 4                                   |      |
| 64/ 63      | . 1   | 5.1      | 1 )   |       | . 3     |              |              |  |      |        |       | 1            |               | į        | 1      |               |      |  | 130          | 130     |                                       |      |
| . 21 61     | • 3   | 4.7      | 5.3   | 3.6   | 1.0     | • 2          |              |  |      |        |       | i            |               |          |        |               |      |  | 140          | 140     | 89                                    |      |
| (7/ 59      | • 2   | 6.6      | 7.3   | 6.8   | 2.0     |              |              |  |      |        |       |              |               |          |        | i             |      |  | 213          | 213     | 122                                   |      |
| 5 1/ 57     | • 3   | 5.5      | 6.4   | 5.0   | 1.6     | - 1          |              | 1  |      |        |       | 1            |               |          |        |               |      |  | 175          | 175     | 136                                   | 1    |
| 5:/ 55      | 1     | 2.9      | 2.4   | 4.0   | , 9     | • 1          |              |  |      |        |       | <u> </u>     | $\bot$        |          |        | ·             |      | 1  | 96           | 96      | 164                                   | 1    |
| . 4/ 53     |       |          | 1.9   |       | • 6     | İ            | Ì            |  |      |        |       | 1            |               |          |        | Į             |      |  | 5.3          | 53      |                                       | 1    |
| 52/ 51      |       | 1.0      |       | • 6   | .1      |              |              |  |      | L      |       | ↓            | _             |          | i      |               |      |  | 32           | 32      |                                       |      |
| 51/ 49      |       | • 3      |       |       |         |              | İ            |  |      |        |       | 1            | 1             | 1        | į      | i<br>I        |      | ļ  | 11           | 11      |                                       | -    |
| 4 / 47      |       | . 4      |       |       | <b></b> | <b>_</b>     |              |  |      |        |       | <del> </del> | _             |          |        | l             |      |  | 5            | 5       | +                                     |      |
| 4 3/ 45     |       | •2       |       |       |         | ĺ            | 1 .          | 1  |      | }      |       |              |               | - 1      |        | !             |      |  | 2            | 2       |                                       |      |
| :4/ 43      |       | •2       |       |       |         |              | <b></b>      |  |      | ļi     |       | Ļ            |               |          |        | <del></del> i |      | <del></del> -                                    | <u> </u>     | 2       | 4                                     |      |
| 42/ 41      |       | 1        | 1     |       |         | 1            | 1            | 1 1  |      |        |       | 1            |               |          | į      | i             |      | 1  | ;            |         | 1                                     |      |
| 40/ 39      |       |          |       |       |         | <del></del>  | <del></del>  |  |      |        |       | +            | <del></del> - |          |        |               |      | <del>-                                    </del> | <del> </del> |         | ļ                                     |      |
| 3 / 37      |       |          | 1     |       |         | 1            | 1            |  |      | 1      |       |              | 1             |          | ł      | i             |      |  |              |         | į l                                   |      |
| 35/ 35      |       | 30.2     | 7 7   | 25 0  | - ,     | <b>-</b>     | ├            |  |      |        |       | ┼            | -+-           |          |        | i             |      | <del>-                                    </del> | +            | 020     | <del> </del> <del> </del>             |      |
| IAL         | 1 • 1 | 311.2    | 2002  | 25.U  | 7.1     | . 4          | 1            |  |      | 1 1    |       | 1            | - 1           | į        | ļ      | 1             |      | 1  | 928          | 928     | 928                                   | 9    |
|             |       | <b></b>  |       |       |         | <del> </del> | <del> </del> | <del>                                     </del> |      |        |       | ┼──          |               |          |        |               |      | <del>-                                    </del> | 740          |         | 760                                   |      |
| i           |       |          |       |       |         |              | 1 :          |  |      | }      |       | -            | l             | i        |        |               |      | ł  |              |         | !                                     |      |
|             |       | <b></b>  |       |       |         | _            |              |  |      |        |       | ┼┈─          | +-            |          |        | i             |      | <del></del>                                      | +            |         |                                       |      |
| 1           |       | }        |       |       |         | ĺ            | ı            | 1  |      |        |       |              |               | 1        | i      | i             |      | [  |              |         |                                       |      |
|             |       |          |       |       |         |              |              |  |      |        |       | T            |               |          |        |               |      | +  |              |         |                                       |      |
| - 1         |       |          |       |       |         | {            | 1            | 1 1  |      |        |       | ł            | ł             |          | l      | ł             |      |  |              |         | !                                     |      |
|             |       |          |       |       |         |              |              |  |      |        |       |              |               |          |        |               |      |  | 1            |         |                                       |      |
| 1           |       |          |       |       |         |              | }            |  |      |        |       | 1            | 1             |          |        | 1             |      | ļ  |              |         |                                       |      |
|             |       |          |       |       |         |              |              |  |      |        |       | 1            |               |          |        |               |      | 1  | 1            |         |                                       |      |
|             |       |          |       |       |         | ł            | ł            | } }  |      |        |       | ł            | 1             |          | }      |               |      | 1  | 1            |         |                                       |      |
|             |       |          |       |       |         |              |              |  |      |        |       |              |               | 1"       |        |               | _    |  |              |         |                                       |      |
|             |       |          |       |       |         |              | L            |  |      |        |       | <u> </u>     |               | 1        |        |               |      |  |              |         |                                       |      |
|             |       |          |       |       |         |              |              |  |      |        |       | T -          |               |          |        | -             |      |  |              |         |                                       |      |
|             |       | <u> </u> |       |       |         |              |              |  |      |        |       |              |               |          |        |               |      |  | <u> </u>     |         | <u></u>                               |      |
| Element (X) |       | ZXI      |       |       | Z X     | _\_          | X            | · R  |      | No. Ob |       |              |               | ,        |        |               |      |  | th Temperatu |         | · · · · · · · · · · · · · · · · · · · |      |
| Rel. Hum.   |       |          | 8970  |       | 732     |              |              | 9.98   |      |        | 28    |              | 0 F           | ≤ 3      | 2 F    | ≥ 67          | F    | ≥ 73 F   | ≥ 80 F       | e 93 l  | F 1                                   | etel |
| Dry Bulb    |       |          | 9234  |       | 548     |              |              | 3.98   | _    |        | 28    |              |               |          |        |               | .9   |  | <u> </u>     |         |                                       |      |
| Wet Bulb    |       |          | 6637  |       | 515     |              |              | 4.41   |      |        | 28    |              |               | <u> </u> |        |               | _    |  |              |         | <u> </u>                              |      |
| Dew Point   | _     | 258      | 4973  |       | 487     | ונס          | 52.5         | 5.60   | 19   | 9      | 28    | l            |               | 1        | 1      |               | ŀ    |  | ł            | l       |                                       |      |

USAFETAC FORM AR 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLUMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

DE C LAJES AB AZ 71-80 STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Builb Wer Builb Dew Point .0 • 0 • 0 72/ 71 7./ 69 • 1 • 2 29 29 • 1 Fis/ 67 1.2 • 5 - 3 147 147 1. 16/ 65 2.5 1.3 402 402 44/ 63 5.7 5.5 4.8 1296, 1296 431 110 1.1 • 2 3.4 6.4 2.1 627 61 3.8 1191 1191 759 395 5.4 8.3 8.9 4:/ 59 3.4 2005 2005 896 819 5 1/ 57 3.9 3.7 982 3.3 982 1234 819 • 9 561 5.5 2.1 2.2 3.6 993 • 2 673 673 1261 547 53 . 1 1.3 1.5 1.1 331; 331 1057 766 . 8 52/ 51 • 0 1.1 • 0 178 178 738 794 . 4 50/ 49 98 98 603 711 L 3/ 47 .6 • 1 61: 61 296 603 45/ 45 23 103 • 3 23 695 44/ 43 27 349 . 1 42/ 41 267 • 0 8 43/ 39 72 30/ 37 76/ 35 12 34/ 33 1.825.633.528.010.5 TOTAL 7428 7428 7428 7428 Σχ' No. Obs. Element (X) Mean No. of Hours with Temperature ≥ 67 F Rel. Hum. 45475007 575901 77.510.538 10F ₫ 32 F 7428 - 93 F 59.6 4.106 55.7 4.455 Dry Bulb 443070 744 26553758 7428 18.2 Wet Bulb 23215603 413945 7428 744 389607 20673977 744 7428

GL BAL CLIMATOLOGY BRANCH USAFETAC AI? WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

LAJES AB AZ STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point - 4/ 83 • 0 • 0 .0 • 0 241 • 0 3/ 79 . 2 .0 • 0 440 440 • 1 • 0 77 • 5 1461 1461 76/ 75 . 1 . 8 .0 • 0 2270 2270 13 <u>. p</u>l 74/ 73 <u>. 3</u> • 6 1.8 .1 3520 3520 77 463 72/ 71 2.1 5025 5025 1516 341 1.5 1.0 • 0 7:1 69 3.6 6790 6790 2878 1295 • 5 • 0 63/ 67 . 1 3.1 1.2 1.0 • Qi 5337 5337 5858 2175 66/ 65 2.8 3.0 1.9 . 8 • 0 . 1 7699 7700 7379 3977 14/ 63 4.9 3.8 3.5 • 5 1.0 1226112261 9044 9035 • 3 • 0 2.8 4.1 9712 9713 9806 7669 52/ 61 FD/ 59 3.5 5.3 3.7 1.6 1278812788 894210994 5 8/ 57 2.3 7480 748010492 8300 5624 5624 9342 8868 56/ 55 1.6 1.7 2.4 • 0 5 4/ 53 .8 1.6 • 9 • 3 • 0 3321 3322 7163 7763 5.2/ 51 . 5 • D 1858 1858 5470 6666 • 1 1.2 • 3 • D •0 51/ 49 816 816 5046 4511 • 2 44/ 47 560 2423 4648 46/ 45 287 287 1192 4914 44/ 43 . 1 .0 .0 352 2917 126 126 42/ 41 159 2340 4 ./ 39 42 646 35/ 37 294 74/ 35 149 33 31 1 29 2 4/ 27 2.122.733.925.512.5 2.9 B7646 B7646 B7646 Element (X) Ž x i No. Obs. Mean No. of Hours with Temperature Rel. Hum. 2 0 F ≤ 32 F 267 F 273 F 280 F 293 F 537266796 6797814 77.640.697 87646 Tetal Dry Bulb 5531709 63.1 6.581 2509.1 793.7 42.4 352913793 8760 87649 Wet Bulb 58.9 6.269 1078.9 53.7 307931700 5165952 87646 8760 4891567 55.8 7.135 277463057 87646 2 390 2

71 - 81

GLEPAL CLIMATOLOGY PRANCH US AFETAC AIS WEATHER SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 12.1

LAJES AB AZ

71-81

STATION NAME STATION HRS (LST.) 56.8 56.3' 55.5' 62.8' 66.5' 68.1' 67.3' 26.0 59.3 54.1 61.1 ~9-02 sp 4.316 4.585 4.075 3.550 3.703 3.544 3.749 3.950 4.004 4.338 4.385 4.199 6.006 849 930 900 930 900 930 930 900 930 900 10959 TOTAL OBS 56. 55.4 55.6 56.4 58.8 62.3 65.9 67.5 66.9 63.8 61.6 58.6 6D.8 ~ 3- 3× 4.324 4.592 4.103 3.665 4.039; 3.778; 4.037; 4.343, 4.028 4.454 4.384 4.125 6.019 5. D 849 930 10959 900 930 930 900 930 900 930 900 TOTAL OBS 56.0 55.1 55.6 57.1 67.4 63.7 61.6 63.7 67.5 60.2 68.8 28 • 3. 61.3 MEAN 4.396 4.823 4.152 3.374 3.758 3.385 3.826 4.255 3.980 4.540 4.380 4.420 6.286 S D 9.70 930 900 93C TOTAL OBS 57.9' 57.3' 58.6' 60.1' 63.8' 67.2 71.6 73.6 71.9 67.2 64.2 65.1 64.5 MEAN 3.689: 3.992. 3.544: 2.931 3.750 3.217 3.339 3.312 3.367: 3.713 3.494 3.886 6.583 S D 930 E 49 929 900 930 900 930 930 899 930 900 10957 TOTAL OBS 59.9 59.2 63.4 61.6 65.1 73.4 68.8 65.7 61.9 68.6 73.1 75.2 MEAN 3.260 3.744 3.498 2.941 3.705 3.331 3.507 3.531 3.487 3.676 3.327 3.459 6.465 S D 930 931 900 930 900 930 900 929 900 10955 TOTAL OBS 849 930 59.5 58.6 59.9 68.0 64.8 61.1 64.8 68.4 74.8 72.8 65.6 73.0 MEAN 15-17 S.D 3.197 3.801 3.569 2.987 3.653 3.388 3.433 3.416 3.437 3.562 3.368 6.491 930 900 900 849 930 930 900 930 930 930 900 10956 TOTAL OBS 57.4 56.6 57.9 62.5 59.3 59.1 65.4 62.7 63.4 66.5 70.8 72.2 70.1 MEAN 3.677 3.945 3.658 1: -2: s.p. 2.958 3.500 3.102 3.198 3.076 3.255 3.872 3.832 3.762 6.360 930 848 929 900 930 900 930 930 900 930 900 10953 56.9 56.1 56.9 57.7 67.9 69.6 63.6 64.3 68.3 64.6 62.1 4.146 4.295 3.972 3.293 3.486 3.191 3.307 3.448 3.765 4.234 4.243 3.981 5.997 847 928 900 930 900 929 930 900 930 900 10952 57.5 56.7 57.6 71.2 58.7 65.5 69.5 61.9 69.8 65.7 63.1 63.1 ALL 4.145 4.469 4.226 3.740 4.370 4.109 4.488 4.691 4.432 4.479 4.214 4.106 6.581 SD **HOURS** 7200 7436 7440 7200 7439 7440 7199 7439 87649

GLEFAL CLIMATOLOGY BRANCH LETAFETAR ATT REATHER SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1-2-1

LAJES AB AZ

71-81

STATION NAME STATION YEARS HRS LST ANNUAL FFR MAR APR SEP OCT IAN MAY JUN. JUL. AUG. NOV. DEC 52.2 52.9 53.8 56.2 60.0 63.3 63.7 60.5 58.5 55.D 57.8 52. 64.6 4.497 5.174 4.465 4.100 4.229 3.823 3.492 3.951 4.097 4.768 4.863 4.539 G-02 \$ D 6.166 849 930 93. 900 930 900 930 930 900 930 10958 TOTAL OBS 53.5 55.8 59.6 63.5 60.1 58.3 55.0 52.6 52.3 52.6 62.9 64.1 57.5 MEAN 4.576 5.158 4.510 4.679 4.482 4.023 3.721 4.233 4.145 4.884 4.812 4.528 5.3~05 6.177 S D TOTAL OBS 649 930 900 929 900 930 930 900 930 900 10958 MEAN 52.5 52.1, 52.6 53.9 56.8 60.6 63.9 65.C 63.8 60.0 58.2 54.8 57.9 S D 4.506 5.179 4.579 3.955 4.272 3.690 3.498 4.070 4.112 4.938 4.870 4.723 6.336 900 930 900 930: 930 930 899 TOTAL OBS 935 849 930 900 10958 53.9 53.5 54.5 58.8 62.4 65.9 67.4 66.1 62.2 59.9 56.1 4.089 3.300 3.150 3.562 3.632 4.421 4.305 4.417 55.8 MEAN 59.7 4-114 4-613 4-224 3-545 S. D 6.249 930 TOTAL OBS 933 849 929 900 930 900 930 899 930 900 930 10957 MEAN 55.1 54.5 55.6 56.7 59.5 63.2 66.6 68.1 66.7 62.9 57.1 60.6 3.932 3.223 3.238 3.637 12-14 5 D 3.840 4.419 4-120 3.404 3.658 4.376 4.181 4.076 6.054 TOTAL OBS 930 849 930 900 930 900 930 930 900 900 927 929 10955 54.8 54.1 55.4 56.4 59.3 63.1 67.8 66.3 62.4 66.4 60.3 4.0P4 15-17 S.D. 3.897 4.447 4.156 3.478 3.936 3.230 3.180 3.599 4.358 4.083 3.633 6.078 TOTAL OBS 930 927 930 849 900 900 930 900 930 930 900 929 10955 53.6 52.9 MEAN 54.2 55.1 58.1 65.4 65.1 61.3 59.0 55.6 59.1 62.1 66.8 S. D. 4 . 224 4 . 648 4.239 3.527 3.909 3.279 3.076 3.450 3.735 4.519 4.381 4.273 6.173 TOTAL OBS 930 930 900 929 900 930 900 926 930 848 936 900 10953 MEAN 52.7 57.2 58.5 53.3 53.7 54.5 61.1 64.3 65.7 64.3 60.9 59.0 55.5 21-23 5. D. 4.535 4.948 4.487 3.828 4.147 3.549 3.264 3.693 3.988 4-663 4-680 4.413 6.15d TOTAL OBS 930 847 928 900 930 900 929 930 900 93C 900 10952 MEAN 53.0 53.9 55.0 57.7 64.8 53.6 61.5 66.2 64.9 61.3 59.2 58.9 Att S. D. 3.914 4.338 3.755 3.590 4.042 4.064 4.730 4.610 4.455 4.907 4.492 6.269 HOURS TOTAL OBS 6789 7436 7230 7439 7200 7439 7440 7199 7438 7198 87696

GLIBAL CLIMATOLOGY BRANCH USAFETAC 41: WEATHER SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

172 1 LAJES AS AZ

71-81

| STATION    |             |       | STA   | TION NAME |       |       |       |       |       | YEARS |       |       |       |        |
|------------|-------------|-------|-------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| HRS (LST.) |             | JAN.  | FEB.  | MAR.      | APR.  | MAY   | JUN.  | JUL.  | AUG.  | SEP.  | ост.  | NOV.  | DEC   | ANNUAL |
|            | MEAN        | 49.7  |       |           |       |       | 57.9  |       |       |       |       |       |       | 55.2   |
| ე−ე2       | S D         | 5.714 | 6.515 | 5.549     | 5.220 | 5.302 | 4.645 | 3.981 | 4.721 | 4.914 | 5.951 | 5.947 | 5.671 | 7.105  |
|            | TOTAL OBS _ | 930   | 849   | 930       | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 899   | 930_  | 10958  |
|            | MEAN "      | 49.5  | 49.3  | 49.9      | 51.0  | 53.3  | 57.6  | 60.9  | 61.9  | 61.2  | 57.4  | 55.7  |       | 55∙0   |
| 3-05       | S.D.        | 5.839 | 6.466 | 5.630     | 5.091 | 5.515 | 4.802 | 4.133 | 4.889 | 4.954 | 6.071 | 5.905 | 5.783 | 7.116  |
|            | TOTAL OBS   |       |       |           |       |       |       |       |       |       |       |       | 930.  | 10959  |
| •          | MEAN        | 49.4  | 49.2  | 49.9      | 51.3  | 54.1  | 58.3  | 61.6  | 62.7  | 61.4  | 57.3  | 55.5  | 51.8  | 55.2   |
| n6+0≤      | S D         | 5.615 | 6.322 | 5.751     | 5.123 | 5.451 | 4.658 | 4.055 | 4.760 | 5.003 | 6.126 | 6.087 | 5.842 | 7.242  |
|            | TOTAL OBS   |       |       |           |       |       |       |       |       |       |       |       | 930.  | 10958  |
|            | MEAN        | 50.4  | 50.1  | 51.C      | 52.1  | 55.0  | 59.1  | 62.4  | 63.7  | 62.6  | 58.6  | 56.6  | 52.7  | 56.2   |
| 25-11      | 5. D '      | 5.515 | 6.011 | 5.780     | 5.007 | 5.446 | 4.537 | 4.107 | 4.752 | 4.893 | 6.062 | 5.865 | 5.778 | 7.192  |
|            | TOTAL OBS   | 930;  | 849   | 929       | 900   | 930   | 900   | 930   | 930   | 899   | 930   | 900   | 230.  | 10957  |
|            | MEAN "      | 51.0  | 50.5  | 51.6      | 52.6  |       |       |       |       |       |       |       |       | 56.6   |
| 12-14      | \$ D        | 5.411 | 6.040 | 5.697     | 4.845 | 5.287 | 4.390 | 4.189 | 4.775 | 4.908 | 6.077 | 5.927 | 5.583 | 7.072  |
|            | TOTAL OBS   | 930   | 849   | 930       | 900   | 930   | 900   | 930   | 930   | 900   | 929   | 930   | 927   | 10955  |
| •          | MEAN        | 50.8  |       | 51.6      |       |       |       |       |       |       |       | ,     |       | 56.4   |
| 15-17      |             |       | 5.973 | 5.646     | 4.864 | 5.255 | 4.378 | 4.047 | 4.719 | 4.917 |       | ;     | 5.445 | 7.034  |
|            | TOTAL OBS   | 93u   | 849   | 930       | 900   | 930   | 900   | 930   | 930   | 900   | 929   | 900   | 927   | 10955  |
|            | MEAN "      | 50.2  | 49.5  | 51.1      | 51.9  | 54.6  | 59.1  | 62.1  | 63.6  | 62.0  | 58.2  | 56.2  | 52.5  | 55.9   |
| 1 :-20     |             |       | ;     | 5.509     |       | 5.145 | 1     | I     |       | 4.939 |       | 5.513 |       | 7.048  |
|            | TOTAL OBS   | 930   | 848   | 929       | 900   | 930   | 900   | 930   | 930   | 900   | 930   | 900   | 926   | 10953  |
| •          | MEAN        | 5û•2  | 49.6  | 50.9      | 51.8  | 54.4  | 58.9  | 62.0  | 63.3  | 61.8  | 58.2  | 56.3  | 52.5  | 55.9   |
| 71-23      | S D.        | 5.832 | 6.374 | 5.670     | 4.886 | 5.330 | - 1   |       | 4.555 | 4.953 | 5.811 | 5.731 | 5.609 | 7.098  |
|            | TOTAL OBS   | 930   | 847   | 928       | 900   | 930   | 900   | 929   | 930   | 900   | 930   | 900   | 926   | 10952  |
| ALL .      | MEAN        | 50.2  |       |           | 51.8  |       |       | 61.9  |       |       |       | ;     | - 1   | 55.8   |
| HOURS      | S.D         | 5.656 | 6.249 | 5.689     | 5.001 |       |       | - 1   | - 1   | 4.963 | - /   | 5.839 | 5.669 | 7.135  |
|            | TOTAL OBS   | 7440  | 6789  | 7436      | 7200  | 7439  | 7200  | 7439  | 7440  | 7199  | 7438  | 7198  | 7428  | 87646  |

GLOBAL CLIMATOLOGY BRANCH US AFETAC ATH REATHER SERVICE/MAC

**RELATIVE HUMIDITY** 

| 13201   | LAJES AB AZ  | 72-81  | JAIL  |
|---------|--------------|--------|-------|
|         |              |        |       |
| STATION | STATION NAME | PERIOD | MONTH |
|         |              |        |       |

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    | T .    |       | PERCENTA | GE FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN              | TOTAL<br>NO. OF |
|-------|----------|--------|-------|----------|--------------|-------------|------------|-------------|------|------|-------------------|-----------------|
| MONTH | (L S.T.) | 10%    | 20°°  | 30%      | 40%          | 50∘∘        | 60°        | 70°。        | 80%  | 90%  | RELATIVE HUMIDITY | OBS.            |
| ڼ۸۵ن  | 30-02    | 100.0  | 100.0 | 100.0    | 100.0        | 99.1        | 94.1       | 61.4        | 44.8 | 15.5 | 74.1              | 930             |
|       | 03-65    | 100.0  | 100.0 | 100.0    | 100.0        | 99.4        | 95.1       | 82.5        | 46.6 | 16.9 | 79.4              | 930             |
|       | 06-08    | 1.30.0 | 100.6 | 100.0    | 100.0        | 99.6        | 94.4       | 81.5        | 42.4 | 15.5 | 79.0              | 930             |
|       | 69-11    | 100.0  | 100.0 | 100.0    | 100.0        | 99.5        | 92.3       | 74.0        | 34.8 | 10.4 | 76.7              | 930             |
|       | 12-14    | 100.0  | 100.0 | 100.0    | 100.0        | 99.2        | 85.2       | 61.6        | 23.2 | 5.3  | 72.9              | 930             |
|       | 15-17    | 100.0  | 100.0 | 100.C    | 99.9         | 99.4        | 88.3       | 64.8        | 22.8 | 4.2  | 73.4              | 930             |
|       | 18-20    | 100.0  | 100.0 | 100.0    | 100.0        | 99.5        | 93.4       | 76.3        | 37.0 | 9.1  | 77.3              | 930             |
|       | 21-23    | 130.0  | 100.0 | 100.0    | 100.0        | 99.6        | 93.2       | 80.9        | 41.9 | 12.4 | 78.5              | 930             |
|       |          |        |       |          | <u> </u>     |             |            |             |      |      |                   |                 |
|       |          |        |       |          |              |             |            |             |      |      |                   |                 |
| 10    | TALS     | 100.0  | 100.0 | 100.0    | 100.0        | 99.4        | 92.0       | 75.4        | 36.7 | 11.2 | 77.0              | 7440            |

| USAFETAC TOL |  | 37-5 (OL | . A) |
|--------------|--|----------|------|
|--------------|--|----------|------|

GL BAL CLIMATOLOGY BRANCH US AFETAC AI: WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

| 13211   | LAJES AF AZ  | 72-81  | FEB   |
|---------|--------------|--------|-------|
| STATION | STATION NAME | PERIOD | MONTH |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|            | HOURS    |  |       | PERCENTAC | SE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN RELATIVE HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|------------|----------|--|-------|-----------|-------------|---------------|------------|-------------|------|------|------------------------|------------------------|
| MONTH      | (L.S.T.) | 10%  | 20%   | 30%       | 40%         | 50%           | 60∘        | 70°•        | 80°: | 90%  |                        |                        |
| <u>FEB</u> | 0-02     | 100.0  | 100.0 | 100.0     | 100.0       | 100.0         | 94.8       | 82.7        | 40.6 | 14.7 | 79.7                   | 649                    |
|            | 03-05    | 100.0  | 100.0 | 100.0     | 100.0       | 99.6          | 96.2       | 84.7        | 48.9 | 18.1 | 82.1                   | 849                    |
|            | C6-08    | 100.9  | 100.0 | 100.0     | 100.0       | 99.8          | 96.9       | 85.7        | 50.1 | 19.2 | 80.7                   | 849                    |
|            | 59-11    | 100.0  | 100.0 | 100.0     | 100.0       | 99.8          | 93.8       | 74.3        | 35.9 | 13.5 | 77.3                   | 849                    |
|            | 12-14    | 100.0  | 100.0 | 100.0     | 100.0       | 99.5          | 88.5       | 59.4        | 24.3 | 7.4  | 73.4                   | 849                    |
|            | 15-17    | 138.3  | 130.0 | 100.0     | 100.0       | 99.6          | 90.2       | 62.2        | 23.8 | 8.0  | 73.9                   | 949                    |
|            | 18-20    | 100.0  | 100.0 | 100.0     | 100.0       | 99.9          | 93.6       | 76.3        | 40.4 | 10.6 | 77.6                   | 848                    |
|            | 21-23    | 100.0  | 150.0 | 100.0     | 100.0       | 99.9          | 95.7       | 81.9        | 46.0 | 15.2 | 79.4                   | 847                    |
|            |          | <del>                                     </del> |       |           |             |               |            |             |      |      |                        |                        |
|            |          |  |       |           |             |               |            |             |      |      |                        |                        |
| 10         | TALS     | 130.0  | 100.0 | 100.0     | 100.0       | 99.8          | 93.7       | 75.9        | 39.8 | 13.3 | 77.8                   | 6789                   |

| USAFETAC | FORM<br>JUL 64 | 0-87-5 (OL A) |
|----------|----------------|---------------|
|----------|----------------|---------------|

SE. AL CLIMATOLOGY BRANCH US AFETAC AIR WEATHER SERVICE/MAC

STATION NAME

#### **RELATIVE HUMIDITY**

13201 LAJES AB AZ

71-80

\_\_\_\_\_

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS<br>(L S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |       |      | MEAN<br>RELATIVE | TOTAL         |
|-------|-------------------|--|-------|-------|-------|-------|------|------|-------|------|------------------|---------------|
| MONTH |                   | 10%  | 20°.  | 30%   | 40%   | 50%   | 60%  | 70°- | 80°,  | 90°2 | HUMIDITY         | NO OF<br>OBS. |
| MAR   | -0-02             | 100.0  | 106.0 | 100.3 | 100.0 | 100.0 | 98.0 | 87.7 | 5.0.0 | 19.2 | 81.3             | 930           |
|       | J3-05             | 100.0  | 100.0 | 100.C | 100.0 | 100.0 | 98.0 | 89.5 | 52.5  | 17.8 | 81.5             | 930           |
|       | 36-08             | 100.0  | 130.0 | 100.0 | 100.0 | 99.9  | 97.6 | 87.4 | 52.6  | 19.5 | 81.4             | 930           |
|       | 67-11             | 100.0  | 100.0 | 100.0 | 100.0 | 99.6  | 90.9 | 72.8 | 32.5  | 10.3 | 76.3             | 929           |
|       | 12-14             | 100.0  | 100.0 | 100.0 | 100.0 | 99.7  | 85.5 | 61.2 | 22.5  | 7.4  | 73.3             | 930           |
|       | 15-17             | 100.0  | 100.0 | 100.0 | 100.0 | 99.7  | 89.5 | 64.3 | 27.4  | 8.3  | 74.4             | 930           |
|       | 19-20             | 100.0  | 100.C | 100.0 | 100.0 | 100.0 | 97.6 | 80.9 | 36.3  | 12.3 | 76.4             | 929           |
|       | 21-23             | 100.0  | 100.0 | 100.3 | 100.0 | 100.0 | 98.1 | 87.6 | 47.8  | 15.3 | 80.6             | 928           |
|       |                   |  |       |       |       |       |      |      |       |      |                  |               |
|       | -                 |  |       |       |       |       |      |      |       |      |                  |               |
| to    | TALS              | 100.0  | 100.0 | 100.0 | 100.0 | 99.9  | 94.4 | 78.9 | 4 3.2 | 13.8 | 78.4             | 7436          |

CLIMATOLOGY BRANCH ESAFETAC ATH WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

| 13201   | LAJES AB AZ  | 71-83  | APR   |
|---------|--------------|--------|-------|
| STATION | STATION NAME | PERIOD | MONTH |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN                 | TOTAL         |
|-------|----------|--|-------|-------|-------|-------|------|------|------|------|----------------------|---------------|
| MONTH | (L.S.T.) | 10%  | 20%   | 30°∘  | 40°•  | 50°   | 60°. | 70°- | 80°. | 90°- | RELATIVE<br>HUMIDITY | NO OF<br>OBS. |
| APT   | 30-02    | 150.0  | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 89.4 | 56.2 | 18.7 | 41.5                 | 900           |
|       | 63-85    | 100.0  | 100.0 | 100.0 | 103.0 | 100.0 | 99.1 | 91.6 | 56.8 | 21.1 | 92.4                 | 900           |
| ·     | 36-08    | 130.0  | 100.0 | 100.0 | 99.9  | 99.8  | 98.4 | 89.6 | 51.7 | 17.8 | 81.2                 | 900           |
|       | 9-11     | 100.0  | 100.C | 160.0 | 100.0 | 99.9  | 92.7 | 68.2 | 26.1 | 8.3  | 75.2                 | 900           |
|       | 12-14    | 100.0  | 130.0 | 100.0 | 100.0 | 100.0 | 87.1 | 56.4 | 19.7 | 6.4  | 72.8                 | 900           |
|       | 15-17    | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 91.3 | 60.4 | 21.3 | 6.7  | 73.6                 | 900           |
|       | 16-20    | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 97.4 | 79.1 | 32.7 | 9.8  | 77.4                 | 900           |
|       | 21-23    | 100.0  | 100.0 | 100.0 | 100.0 | 99.9  | 99.3 | 89.7 | 50.6 | 14.1 | 80.9                 | 900           |
|       |          |  |       |       |       |       |      |      |      |      |                      |               |
|       |          |  |       |       |       |       |      |      |      |      |                      |               |
| TO    | TALS     | 160.3  | 100.0 | 100.0 | 100.0 | 100.0 | 95.4 | 78.1 | 39.4 | 12.9 | 78.2                 | 7200          |

| USAFETAC | FORM<br>JUL 64 | 0-87-5 (OL A) |
|----------|----------------|---------------|
|----------|----------------|---------------|

GELMAL CLIMATOLOGY BRANCH L'AFETAC ATT WEATHER SERVICE/MAC

#### RELATIVE HUMIDITY

|        | LAUES AS AZ  | 71-80  | MAY   |
|--------|--------------|--------|-------|
| TATION | STATION NAME | PERIOD | MONTH |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|               | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |        |      | MEAN RELATIVE | TOTAL         |
|---------------|----------------|--|-------|-------|-------|-------|------|------|--------|------|---------------|---------------|
| MONTH         |                | 10°6   | 20°¢  | 30%   | 40%   | 50°-  | 60%  | 70°: | 80°    | 90°, | HUMIDITY      | NO OF<br>OBS. |
| YAM           | .0-02          | 130.0  | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 90.3 | 55.1   | 19.3 | 21.8          | 930           |
|               | 2-05           | 100.0  | 100.3 | 100.0 | 100.3 | 100.0 | 98.1 | 89.6 | 56.0   | 20.5 | A2.2          | 929           |
|               | ∪6 <b>-</b> 68 | 100.0  | 100.0 | 100.0 | 99.9  | 99.8  | 97.6 | 85.5 | ະ ປ• 2 | 16.6 | 90.6          | 930           |
| <b></b>       | 199-11         | 100.0  | 100.0 | 100.0 | 100.0 | 99.5  | 88.4 | 61.2 | 26.1   | 5.9  | 73.6          | 93.           |
|               | 12-14          | 100.0  | 100.0 | 100.0 | 100.0 | 99.1  | 84.2 | 50.3 | 17.7   | 3.1  | 71.0          | 930           |
|               | 15-17          | 1.00.0   | 100.0 | 100.0 | 100.0 | 99.8  | 84.6 | 51.3 | 17.5   | 1.7  | 71.3          | 935           |
|               | 16-20          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 94.2 | 70.6 | 24.2   | 5.9  | 75.6          | 930           |
| <del></del> ! | 21-23          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 97.7 | 87.3 | 50.0   | 12.8 | 80.4          | 930           |
|               |                |  |       |       |       |       |      |      |        |      |               |               |
| ·             |                |  | +     |       |       | -     |      |      |        |      |               |               |
| TC            | )TALS          | 100.0  | 100.0 | 100.0 | 100.0 | 99.8  | 92.9 | 73.3 | 37.7   | 10.7 | 77.1          | 7439          |

| USAFETAC | FORM<br>JUL 64 | 0-87-5 (OL A) |
|----------|----------------|---------------|
|----------|----------------|---------------|

GL PAL CLIMATOLOGY BRANCH USBFETAC AT REATHER SERVICE/MAC **RELATIVE HUMIDITY** 

| 13231    | LAJES AS AZ  |
|----------|--------------|
|          | STATION NAME |
| ETATIONI |              |

71-88

HIMOM

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    | •     |       | PERCENTAC | SE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN     | TOTAL   |
|-------|----------|-------|-------|-----------|-------------|---------------|------------|-------------|------|------|----------|---|
| MONTH | (L.S.T.) | 10%   | 20%   | 30%       | 40%         | 50° .         | 60∘₀       | 70°         | BO*. | 90°  | HUMIDITY | 900<br>900<br>900<br>900<br>900<br>900<br>900 |
| JUN   | JJ-32    | 130.0 | 100.0 | 100.0     | 100.0       | 100.0         | 9.0        | 93.8        | 67.9 | 23.1 | 04.1     | 900   |
|       | .:3-05   | 100.0 | 100.0 | 100.0     | 100.0       | 100.0         | 98.9       | 94.0        | 67.3 | 28.7 | 94.5     | 90  |
|       | i.6-08   | 100.0 | 100.0 | 100.0     | 100.0       | 100.0         | 95.6       | 89.6        | 62.1 | 21.7 | 42.3     | 900   |
|       | L9-11    | 160.0 | 106.0 | 100.0     | 100.0       | 99.6          | 93.6       | 68.0        | 32.8 | *!.1 | 75.8     | 900   |
|       | 12-14    | 100.0 | 100.D | 100.0     | 99.9        | 99.3          | 91.7       | 58.0        | 22.7 | 6.4  | 73.1     | 900   |
|       | 15-17    | 100.0 | 100.0 | 100.0     | 100.0       | 99.6          | 90.7       | 60.7        | 26.3 | 5.3  | 73.7     | 930   |
|       | 18-20    | 130.0 | 100.0 | 100.0     | 100.0       | 100.0         | 96.1       | 75.7        | 37.4 | 10.0 | 77.4     | 970   |
|       | 21-23    | 100.0 | 100.0 | 100.0     | 100.0       | 100.0         | 99.1       | 93.3        | 62.0 | 19.0 | 82.8     | 900   |
|       |          |       |       |           |             |               |            |             |      |      | <u> </u> |   |
|       |          |       |       |           |             | <del> </del>  |            |             |      |      |          |   |
| TO    | TALS     | 100.0 | 100.0 | 100.0     | 100.0       | 99.8          | 96.0       | 79.1        | 47.6 | 15.4 | 79.3     | 7200  |

CL SAL CLIMATOLOGY BRANCH US AFETAC ATH KEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

| 132 1   | LAJES AB AZ  | 71-80  | JUL   |
|---------|--------------|--------|-------|
| STATION | STATION NAME | PERIOD | MONTH |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|                  | HOURS   |       |       | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN              | TOTAL         |
|------------------|---------|-------|-------|----------|-------------|---------------|------------|-------------|------|------|-------------------|---------------|
| MONTH            | (L.S.T) | 10%   | 20°∘  | 30°-     | 40%         | 50°°          | 60°.       | 70°•        | 80°: | 90°: | RELATIVE HUMIDITY | NO OF<br>OBS. |
| JHL              | UD-02   | 100.0 | 100.0 | 100.6    | 100.0       | 100.0         | 99.5       | 95.1        | 68.6 | 15.6 | 83.2              | 930           |
|                  | 03-05   | 100.0 | 136.8 | 100.0    | 100.0       | 100.0         | 99.5       | 94.8        | 70.0 | 20.8 | 83.9              | 936           |
| v v <del> </del> | 06-08   | 100.0 | 100.0 | 100.C    | 100.0       | 100.0         | 99.5       | 89.5        | 58.8 | 14.6 | 81.6              | 930           |
|                  | J?-11   | 130.0 | 100.0 | 100.0    | 100.0       | 99.9          | 92.7       | 58.7        | 21.8 | 3.1  | 73.1              | 930           |
|                  | 12-14   | 150.0 | 100.0 | 100.0    | 99.9        | 99.8          | 88.0       | 45.1        | 13.2 | 1.8  | 70.1              | 930           |
|                  | 15-17   | 100.0 | 100.0 | 100.0    | 100.0       | 99.7          | 90.0       | 45.6        | 13.2 | .6   | 73.0              | 930           |
|                  | 19-20   | 100.0 | 100.0 | 100.0    | 103.0       | 100.0         | 96.8       | 65.5        | 24.0 | 2.0  | 74.2              | 935           |
|                  | 21-23   | 130.0 | 190.0 | 100.0    | 100.0       | 100.0         | 99.7       | 91.6        | 57.8 | 11.5 | 81.5              | 929           |
|                  |         |       |       |          |             |               |            |             |      |      |                   |               |
|                  |         |       | -     |          |             | -             | ļ          |             |      |      |                   |               |
| τo               | TALS    | 100.0 | 100.0 | 100.0    | 100.0       | 99.9          | 95.7       | 73.2        | 41.0 | 3.8  | 77.2              | 7439          |

GL GRAL CLIMATOLOGY BRANCH US AFETAC AIR WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

| 13201   | LAJES AB AZ  | 71-80  | AUG   |
|---------|--------------|--------|-------|
| STATION | STATION NAME | PERIOD | MONTH |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS          |       | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      | MEAN         | 930<br>930<br>930<br>930<br>930 |      |
|-------|----------------|-------|--|-------|-------|-------|------|------|------|--------------|---------------------------------|------|
| MONTH | (L.S.T.)       | 10%   | 20%  | 30%   | 40%   | 50°   | 60°. | 70°. | 80°c | 90°c         | HUMIDITY                        |      |
| AJ6   | .0-02          | 100.0 | 100.6  | 100.0 | 100.0 | 99.8  | 97.8 | 89.1 | 65.2 | 12.6         | 82.1                            | 930  |
|       | _3 <b>-</b> 05 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 98.1 | 93.1 | 65.9 | 16.0         | 82.5                            | 930  |
|       | 06-08          | 150.0 | 100.0  | 100.0 | 100.0 | 99.9  | 97.2 | 88.6 | 58.6 | 11.9         | 91.5                            | 930  |
|       | 09-11          | 160.0 | 100.5  | 100.0 | 100.0 | 99.5  | 90.2 | 52.9 | 16.5 | 3.9          | 71.5                            | 930  |
|       | 12-14          | 100.0 | 100.0  | 100.0 | 100.0 | 98.2  | 82.9 | 38.6 | 9.7  | 1.7          | 68.5                            | 930  |
|       | 15-17          | 100.0 | 100.0  | 100.0 | 100.0 | 99.1  | 84.4 | 38.9 | 10.4 | 1.6          | 69.1                            | 930  |
|       | 19-20          | 130.0 | 100.0  | 100.0 | 100.0 | 100.0 | 95.3 | 68.5 | 23.3 | 3.0          | 74.4                            | 930  |
|       | 21-23          | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 98.1 | 87.4 | 57.3 | 9.1          | 80.6                            | 930  |
|       | <del> </del>   |       |  |       |       |       |      |      |      | <del> </del> |                                 |      |
|       |                |       |  |       |       |       |      |      |      |              |                                 |      |
| 70    | TALS           | 100.0 | 100.0  | 100.0 | 100.0 | 99.6  | 93.0 | 69.3 | 38.4 | 7.4          | 76.2                            | 744( |

| USAFETAC | PORM<br>JUL 84 | 0-87-5 | (OL A) |      |      |      |      |      |       |
|----------|----------------|--------|--------|------|------|------|------|------|-------|
|          |                |        |        | <br> | <br> | <br> | <br> | <br> | <br>- |

GLOPAL CLIMATOLOGY BRANCH USAFETAC ALM WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

| 132 1   | LAJES AB AZ  | 71-80  | SEP   |
|---------|--------------|--------|-------|
| STATION | STATION NAME | PERIOD | MONTH |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS          |       |       | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN              | TOTAL<br>NO OF |
|-------|----------------|-------|-------|----------|-------------|---------------|------------|-------------|------|------|-------------------|----------------|
| MONTH | (L.S.T.)       | 10°,  | 20%   | 30°∘     | 40%         | 50%           | 60%        | 70°•        | 80°° | 90°. | RELATIVE HUMIDITY | OBS.           |
| SEP   | u0-02          | 130.n | 100.0 | 100.0    | 100.0       | 100.0         | 98.2       | 88.4        | 60.1 | 13.4 | 31.5              | 900            |
| ·     | 33 <b>-</b> 05 | 100.0 | 100.0 | 100.0    | 100.6       | 99.9          | 98.7       | 88.9        | 61.9 | 16.9 | 82.5              | 900            |
| ···   | ∪€-08          | 100.0 | 100.5 | 100.0    | 100.0       | 99.8          | 97.2       | 87.2        | 58.4 | 13.8 | 81.2              | 800            |
|       | 09-11          | 100.0 | 100.0 | 100.0    | 100.0       | 99.3          | 89.5       | 58.7        | 22.0 | 2.3  | 72.9              | 899            |
|       | 12-14          | 100.0 | 100.0 | 100.0    | 100.0       | 98.2          | 81.4       | 41.9        | 13.6 | 1.7  | 69.3              | <u> </u>       |
|       | 15-17          | 100.0 | 100.0 | 100.0    | 100.0       | 98.6          | 85.0       | 46.4        | 15.4 | 1.8  | 73.4              | 900            |
|       | 12-20          | 100.0 | 100.0 | 100.0    | 100.0       | 100.0         | 94.6       | 73.3        | ₹3.2 | 2.4  | 75.7              | 900            |
|       | 21-23          | 100.0 | 198.8 | 100.0    | 100.0       | 99.9          | 97.8       | 84.0        | 54.6 | 6.9  | 79.9              | 900            |
|       |                |       |       | <u> </u> |             |               |            |             |      |      |                   |                |
|       | -              |       | -     |          | -           | -             |            |             |      |      | -                 |                |
| †C    | )TALS          | 130.0 | 100.0 | 100.0    | 100.0       | 99.5          | 92.8       | 71.1        | 40.0 | .7.4 | 76.6              | 7199           |

GL PAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

| 132 1 | LAJES | AB AZ |  |
|-------|-------|-------|--|
|       |       |       |  |

71-80

PERIOD

TOC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|              | HOURS         |       |       | PERCENTAG | GE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |         |      | MEAN                 | TOTAL        |
|--------------|---------------|-------|-------|-----------|-------------|---------------|------------|-------------|---------|------|----------------------|--------------|
| MONTH        | (L.S.T.)      | 10%   | 20%   | 30%       | 40%         | 50%           | 60°.       | 70°e        | 80°-    | 90-  | RELATIVE<br>HUMIDITY | NO OF<br>OBS |
| OCT          | 00-02         | 100.0 | 100.0 | 100.0     | 100.0       | 99.4          | 95.8       | 83.0        | F 2.6   | 18.1 | 90.3                 | 930          |
|              | 63-05         | 100.0 | 100.0 | 100.9     | 99.8        | 99.6          | 95.7       | 81.5        | 5 3 - 5 | 19.0 | 90.2                 | 930          |
| <del>-</del> | 36-08         | 100.0 | 193.0 | 100.0     | 100.0       | 99.7          | 94.1       | 62.3        | 51.1    | 18.8 | 60.1                 | 930          |
|              | 62 <b>-11</b> | 100.0 | 100.0 | 100.0     | 100.0       | 98.5          | 86.2       | 64.9        | 34.0    | 8.6  | 74.6                 | 930          |
|              | 12-14         | 100.0 | 100.0 | 100.0     | 99.9        | 97.2          | 80.4       | 51.8        | 22.3    | 4.7  | 71.G                 | 929          |
|              | 15-17         | 100.0 | 100.0 | 100.0     | 100.0       | 97.7          | 82.9       | 57.2        | 25.1    | 4.1  | 72.2                 | 929          |
|              | 18-20         | 100.0 | 100.0 | 100.0     | 100.0       | 99.8          | 94.0       | 78.5        | 43.4    | 10.9 | 77.9                 | 930          |
|              | 21-23         | 130.0 | 100.0 | 100.0     | 100.0       | 100.0         | 96.0       | 84.3        | 51.0    | 16.2 | 50.1                 | 930          |
|              |               |       |       |           |             |               |            |             |         |      |                      |              |
|              |               |       |       |           |             |               |            |             |         |      |                      |              |
| το           | TALS          | 100.0 | 100.6 | 100.0     | 100.0       | 99.0          | 90.6       | 72.9        | 41.6    | 12.6 | 77.1                 | 743          |

UL PAL CLIMATOLOGY BRANCH DSAFETAC AIN DEATHER SERVICE/MAC

#### RELATIVE HUMIDITY

| 132.1 |  |
|-------|--|
|-------|--|

LAJES AB AZ

71-80

NOV

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOUR\$         |        |       | PERCENTA | GE FREQUENCY | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN                 | TOTAL         |
|-------|----------------|--------|-------|----------|--------------|---------------|------------|-------------|------|------|----------------------|---------------|
| MONTH | (L.S.T.)       | 10%    | 20%   | 30%      | 40°•         | 50°•          | 60%        | 70°∘        | 80°: | 90°. | RELATIVE<br>HUMIDITY | NO OF<br>OBS. |
| NOV   | ö0 <b>−</b> 02 | 160.0  | 130.0 | 100.0    | 100.0        | 99.8          | 95.6       | 86.3        | 54.2 | 15.9 | 93.7                 | 899           |
|       | ù3 <b>-</b> 05 | 150.0  | 100.0 | 100.0    | 100.0        | 99.6          | 96.1       | 86.1        | 55.3 | 19.6 | 81.1                 | 905           |
|       | 06-08          | 100.0  | 100.0 | 100.0    | 100.0        | 99.6          | 95.6       | 84.1        | 55.3 | 17.8 | 80.7                 | 899           |
|       | 09-11          | 130.0  | 100.0 | 100.0    | 100.0        | 99.2          | 91.8       | 72.6        | 40.7 | 11.9 | 77.0                 | 900           |
|       | 12-14          | 100.0  | 100.0 | 100.0    | 99.9         | 99.3          | 86.3       | 59.1        | 31.4 | 6.6  | 73.6                 | 900           |
|       | 15-17          | 100.0  | 100.0 | 100.0    | 100.0        | 99.4          | 90.8       | 68.0        | 34.4 | 6.1  | 75.1                 | 900           |
| ··    | 18-20          | 100.0  | 100.0 | 105.0    | 100.0        | 99.8          | 97.4       | 84.2        | 48.6 | 12.0 | 79.5                 | 900           |
|       | 21-23          | 100.0  | 100.0 | 100.0    | 100.0        | 99.6          | 96.7       | 87.1        | 51.8 | 16.0 | 50.4                 | 900           |
|       |                |        |       |          |              |               |            |             |      |      |                      | <br> <br>     |
|       |                |        |       | -        | -            |               |            |             |      |      |                      |               |
| το    | TALS           | 1.30.0 | 100.0 | 100.0    | 100.0        | 99.4          | 93.8       | 78.4        | 46.5 | 13.2 | 79.5                 | 7198          |

GL RAL CLIMATOLOGY BRANCH ICAPETAC AL- REATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

17201 LAJES AS AZ

STATION NAME

71-60

PERIOD

DEC

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS<br>(LST) |       | MEAN  | TOTAL |       |       |      |      |         |  |          |               |
|-------|----------------|-------|-------|-------|-------|-------|------|------|---------|--|----------|---------------|
| HTHOM |                | 10°,  | 20°∘  | 30°.  | 40%   | 50°°  | 60°  | 70 ° | 80°.    | 90°  | RELATIVE | NO OF<br>OBS. |
| DFC   | 00-02          | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.6 | 79.6 | 45.2    | 12.6   | 78.8     | 930           |
|       | 07-05          | 130.0 | 100.0 | 100.0 | 100.0 | 100.0 | 92.9 | 78.9 | 44.9    | 15.3   | 78.7     | 930           |
|       | ü6 <b>-</b> 08 | 130.0 | 100.0 | 100.0 | 100.0 | 99.8  | 94.8 | 80.8 | 47.1    | 15.9   | 79.4     | 930           |
|       | <u> 89-11</u>  | 100.0 | 100.0 | 100.0 | 100.0 | 99.7  | 92.6 | 74.4 | 37.4    | 13.4   | 77.0     | 930           |
|       | 12-14          | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 87.6 | 60.0 | 26.9    | 6.7  | 73.8     | 927           |
|       | 15-17          | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 92.8 | 69.5 | 30.4    | 6.9  | 75.2     | 927           |
|       | 15-20          | 100.0 | 100.0 | 100.0 | 100.0 | 99.9  | 96.9 | 61.2 | 42.5    | 9.7  | 78.4     | 726           |
|       | 21-23          | 130.0 | 100.0 | 100.0 | 100.0 | 99.9  | 96.0 | 62.3 | 46.4    | 11.1   | 79.0     | 926           |
|       |                |       |       |       |       |       |      |      |         | <del>                                     </del> |          |               |
|       |                |       |       |       |       |       |      |      |         |  |          | <del></del>   |
| 10    | TALS           | 100.0 | 100.0 | 100.0 | 100.0 | 99.9  | 93.7 | 75.8 | 4 ű a 1 | 11.1   | 77.5     | 7428          |

61 38AL CLIMATOLOGY BRANCH HE AFETAC ATR WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

ALL

172.1

LAJES AR AZ

STATION NAME

71-81

PERIOD

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(L S.T.)                     |       | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |         |      |                      |               |  |  |
|-------|---------------------------------------|-------|--|-------|-------|-------|------|------|---------|------|----------------------|---------------|--|--|
|       |                                       | 10%   | 20°  | 30%   | 40%   | 50%   | 60°. | 70°  | 80°-    | 90%  | RELATIVE<br>HUMIDITY | NO OF<br>OBS. |  |  |
| JAN   | ALL                                   | 100.0 | 100.0  | 100.0 | 100.0 | 99.4  | 92.0 | 75.4 | 36.7    | 11.2 | 77.5                 | 7440          |  |  |
| FEB   |                                       | 160.0 | 100.0  | 100.0 | 100.0 | 99.8  | 93.7 | 75.9 | 39.8    | 13.3 | 77.8                 | 6789          |  |  |
| CAP   |                                       | 100.0 | 100.0  | 100.0 | 100.0 | 99.9  | 94.4 | 78.9 | 4 0 • 2 | 13.8 | 76.4                 | 7436          |  |  |
| APS   |                                       | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 95.4 | 78.1 | 39.4    | 12.9 | 78.2                 | 7200          |  |  |
| мау   |                                       | 130.0 | 100.0  | 100.0 | 100.0 | 99.8  | 92.9 | 73.3 | 37.7    | 10.7 | 77.1                 | 7439          |  |  |
| JUN   |                                       | 100.0 | 100.0  | 100.0 | 100.0 | 99.8  | 96.0 | 79.1 | 47.6    | 15.4 | 79.3                 | 7200          |  |  |
| JUL   |                                       | 100.0 | 100.0  | 100.0 | 100.0 | 99.9  | 95.7 | 73.2 | 41.0    | 8.8  | 77.2                 | 7439          |  |  |
| AU(   | <u> </u>                              | 100.0 | 100.0  | 100.0 | 100.0 | 99.6  | 93.0 | 69.3 | 39.4    | 7.4  | 76.2                 | 7440          |  |  |
| SEP   |                                       | 190.0 | 100.0  | 100.0 | 100.0 | 99.5  | 92.8 | 71.1 | 40.0    | 7.4  | 76.6                 | 7199          |  |  |
| UCT   |                                       | 100.0 | 100.0  | 100.0 | 100.0 | 99.0  | 90.6 | 72.9 | 41.6    | 12.6 | 77.1                 | 7438          |  |  |
| NOV   | <u> </u>                              | 100.0 | 100.0  | 100.0 | 100.0 | 99.4  | 93.8 | 78.4 | 46.5    | 13.2 | 78.5                 | 7198          |  |  |
| orc   | • • • • • • • • • • • • • • • • • • • | 100.0 | 100.0  | 100.0 | 100.0 | 99.9  | 93.7 | 75.8 | 4 C . 1 | 11.1 | 77.5                 | 7428          |  |  |
| 101   | TALS                                  | 100.0 | 100.0  | 100.0 | 100.0 | 99.7  | 93.7 | 75.1 | 4 0.8   | 11.5 | 77.6                 | 87646         |  |  |

USAFETAC 0-87-5 (OL A) U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

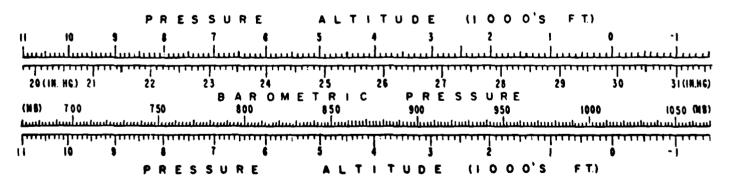
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLIPAL CLIMATOLOGY BRANCH USAFETAC Als Weather Service/Mac

#### **MEANS AND STANDARD DEVIATIONS**

STATION PRESSUPE IN INCHES HG FROM HOURLY OBSERVATIONS

1'2'1 LAUES AR AZ

71-81

| 1 '2 '1      | LA        | LAJES AR AZ |        |        |        |        | 71-8   | 1      |        |             |        |        |        |        |
|--------------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|
| STATION      |           |             |        |        |        |        |        |        |        |             |        |        |        |        |
| HRS LST      |           | JAN.        | FEB.   | MAR.   | APR.   | MAY    | JUN.   | JUL.   | AUG.   | SEP         | oct    | NOV.   | DEC    | ANNUAL |
|              | MEAN      | 29.957      | 29.872 | 29.944 | 29.939 | 29.994 | 30.054 | 30.064 | 30.003 | 29.951      | 29.895 | 29.945 | 9.922  | 29.96  |
| -5.7         | S D       | .308        | .374   | .280   | .249   | .190   | .187   | .154   | .154   | .187        | .220   | .269   | .303   | .25    |
|              | TOTAL OBS | 310         | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300         | 310    | 300    | 310_   | 365    |
|              | MEAN      | 29.946      | 29.848 | 29.925 | 29.921 | 29.976 | 30.038 | 30.047 | 29.986 | 29.935      | 29.880 | 29.933 | 9.912  | 29.94  |
| ;            | 5 D       | .337        | .379   | .277   | .248   | .189   | .186   | .154   | .154   | .187        | . 223  | · 27Q  | .307   | .25    |
|              | TOTAL OBS | 310         | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 300         | 310    | 300    | 310    | 365    |
|              | MEAN      | 29.959      | 29.865 | 29.943 | 29.940 | 30.000 | 30.059 | 30.067 | 30.005 | 29.952      | 29.894 | 29.947 | 9.925  | 29.96  |
| 44           | S D       | . 304       |        | .275   |        |        |        |        |        |             |        |        | .305   | .25    |
|              | TOTAL OBS | 3 <u>10</u> | 283    | 310    |        |        |        | 310    | 310    | 300         | 310    | 300    | 310_   | 365    |
|              | . MEAN    | 29.993      | 29.891 | 29.963 | 29.956 | 30.011 | 30.070 | 30.076 | 30.017 | 29.973      | 29.915 | 29.972 | 29.957 | 29.98  |
| :1           | S. D.     | - 302       |        |        |        | 1      | ,      | ı      |        |             |        | .274   | .302   | .25    |
| [            | TOTAL OBS | 310         | 293    | 310    | 300    | 310    | 300    | 310    | 310    | 300         | 310    | 300    | 310    | 365    |
|              | MEAN      | 29.949      | 29.869 | 29.943 | 29.945 | 30.007 | 30.065 | 30.072 | 30.010 | 29.960      | 29.893 | 29.937 | 29.914 | 29.96  |
| 14           | S. D.     | .305        | .371   | .275   | .249   | .184   | .187   | .155   | .155   | .182        | .222   | . 274  | .302   | • 25   |
|              | TOTAL OBS | 310         | 293    | 310    | 300    | 310    | 300    | 310    | 310    | 300         | 310    | 300    | 309    | 365    |
|              | MEAN      | 29.948      | 29.860 | 29.930 | 29.929 | 29.997 | 30.056 | 30.062 | 29.996 | 29.945      | 29.886 | 29.937 | 29.913 | 29.95  |
| 17           | 5. D      | .307        | .365   | .273   | .250   | .183   | .186   | .153   | -153   | .183        | .219   | . 266  | .299   | • 25   |
|              | TOTAL OBS | 310         | 283    | 310    | 300    | 310    | 300    | 310    | 310    | 30 <b>0</b> | 310    | 300    | 309    | 365    |
|              | MEAN      | 29.967      | 29.882 | 29.947 | 29.939 | 30.005 | 30.061 | 30.067 | 30.003 | 29.960      | 29.903 | 29.956 | 29.930 | 29.96  |
| .0           | 5 D       | .310        | . 365  | .274   | .255   | .181   | .186   | .151   | .152   | .184        | .218   | . 267  | .301   | .25    |
|              | TOTAL OBS | 310         | 283    | 310    | 300    | 310    | 300    |        |        | 300         | 310    | 300    | 309    | 365    |
|              | MEAN      | 29.975      | 29.893 | 29.963 | 29.956 | 30.021 | 30.078 | 30.084 | 30.019 | 29.972      | 29.914 | 29.965 | 29.942 | 29.98  |
| 27           | \$. D.    | .311        |        |        |        |        |        |        |        |             |        | . 268  | .301   | . 25   |
|              | TOTAL OBS |             | 282    |        |        | 1      | 1      | 1      | , ,    |             | 310    | 300    | 310    | 365    |
| A11          | MEAN      | 29.962      | 29.872 | 29.945 | 29.941 | 30.001 | 30.060 | 30.067 | 30.005 | 29.956      | 29.898 | 29.949 | 29.927 | 29.96  |
| ALL<br>HOURS | \$. D.    | .307        |        |        |        |        |        |        |        |             |        | .270   | .303   | .25    |
| HOURS        | TOTAL OBS | 2483        | 2263   |        |        |        | 2400   |        | 248D   | 2400        | 2480   | 2400   | 2477   | 29221  |

GLOBAL CLIMATOLOGY BRANCH ICAFETAC AIR WEATHER SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

SEA LEVEL PRESSURE IN MBS FROM HOURLY DESERVATIONS

1/2 1 LAJES AS AZ

73-81

| STATION     | 1         |          | STA    | TION NAME |        |        |        |        |        | YEARS  |         |          |        |        |
|-------------|-----------|----------|--------|-----------|--------|--------|--------|--------|--------|--------|---------|----------|--------|--------|
| HRS (LS T.) |           | JAN.     | FEB    | MAR.      | APR.   | MAY    | JUN.   | JUL.   | AUG.   | SEP.   | OCT     | NOV.     | DEC    | ANNUAL |
|             | MEAN      | 1021.7   |        |           |        |        |        |        |        |        |         |          |        | 1021.2 |
| 3.7         | S. D      | 10.4091  | 3.0541 | 15.0331   | 10.796 | 6.685  | 6.688  | 5.038  | 5.150  | 6.501  | 7.691   | 9.271    | 10.535 | 9.615  |
|             | TOTAL OBS | 275      | 249    | 243       | 217    | 247    | 236    | 243    | 243    | 235    | 244     | 238      | . 245. | 2915   |
|             | MEAN      | 1021.3   | 017.3  | 018.7     | 020.3  | 1021.3 | 1023.7 | 1024.7 | 1021.7 | 1021.3 | 1519.1  | 1019.4   | 1019.6 | 1020.7 |
| ı           | S. D      | 10.393   | 3.148  | 13.761    | 8.841  | 6.596  | 6.594  | 5.090  | 5.142  | 6.488  | 7.867   | 9.358    | 10.652 | 9.324  |
|             | TOTAL OBS |          |        | 240       |        |        |        |        |        |        |         |          |        | 2915   |
|             | MEAN      | 1021.5   | 018.1  | 1019.01   | 020.5  | 1022.0 | 1024.3 | 1025.4 | 1022.4 | 1022.0 | 1 019.4 | 1019.9   | 1020.C | 1021.2 |
|             | S.D.      | 10.327   | 2.987  | 14.715    | 10.752 | 6.510  | 6.676  | 5.063  | 5.148  | 6.291  | 7.956   | 9.242    | 10.723 | 9.579  |
|             | TOTAL OBS |          | 253    |           | 220    |        |        |        |        |        |         | 237      |        | 2931   |
|             | MEAN      | 1922.7   | 019.0  | 1019.6    | 1021.0 | 1022.4 | 1024.7 | 1025.7 | 1022.6 | 1022.7 | 1020.2  | 1020.8   | 1021.2 | 1021.9 |
| ı <b>1</b>  | S. D.     | 10.249   |        |           |        |        |        |        |        |        |         |          |        | 9.556  |
|             | TOTAL OBS |          |        |           | 217    |        |        |        |        |        |         |          |        | 2933   |
|             |           | <u>.</u> |        |           |        |        |        | ·      | L      | i<br>  |         | <u> </u> |        |        |
|             |           | 1321.2   |        |           |        |        |        |        |        |        |         |          |        | 1021.2 |
| 14          | 5 D       | 10.4191  | 2.893  | 4.776     | 10.781 | 6.511  | 6.714  | 5.081  | 5.127  | 6.251  | 7.823   | 9.565    | 10.623 | 9.623  |
|             | TOTAL OBS | 277      | 249    | 246       | 217    | 242    | 238    | 246    | 247    | 232    | 248     | 238      | 244    | 2924   |
|             | MEAN      | 1021.2   | D17-8  | 1019-0    | 020.2  | 1021.9 | 1024.3 | 1025.2 | 022.0  | 1021.6 | 1 219.3 | 1019.6   | 1019.5 | 1021.0 |
| 17          | S D.      | 10.457   | 2.657  | 3.510     | 0.835  | 6.391  | 6.627  | 5.027  | 5.116  | 6.300  | 7.685   | 9.184    | 10.409 |        |
|             | TOTAL OBS |          |        |           | 219    |        |        |        |        |        |         |          |        |        |
|             | . MEAN    | 1021.9   | 016 6  | 210       | 020 5  | 022 1  | 1024 3 | 025.4  | 022 7  | 1022 1 | 010 0   | 1020.1   | 1020 2 | 1021.4 |
| ٠,٠         | S. D.     | 10.476   |        |           |        |        |        |        |        |        |         |          |        |        |
|             | TOTAL OBS |          |        | 1         |        |        |        |        |        |        | 1       |          | 243    |        |
|             |           | i'       |        |           |        |        |        |        |        |        |         |          |        |        |
|             |           | 1022.3   |        |           |        |        |        |        |        |        |         | _        | ,      |        |
| 23          |           | 13.557   | 2.821  | 14.907    | 10.858 | 6.452  | 6.631  | 4.904  |        | 1      | 7.585   |          | ,      |        |
|             | TOTAL OBS | 271      | 247    | 244       | 217    | 245    | 236    | 245    | 245    | 234    | 244     | 235      | 246    | 2909   |
| <br>All     | MEAN      |          |        |           |        |        |        |        |        |        |         |          | 1020.1 |        |
| HOURS       | S. D.     | 10.408   | 12.892 | 14.530    | 10.577 | 6.501  | 6.651  | 5.030  | 5.122  | 6.385  | 7.751   | 9.337    | 10.545 | 9.522  |
| nouk3       | TOTAL OBS |          |        |           |        |        |        |        |        |        |         |          | 1960   |        |

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- 19. Percentage frequency of distribution tables
  Dry-bulb temperature versus wet-bulb temperature
  Cumulative percentage frequency of distribution tables
  - \* Azores

- Lajes AB, Azores
- 20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

Period of Record from Hourly OBS: Mar 71 - Feb 81.

Period of Record from Daily OBS: Jan 44 - Oct 45, Oct 46 - Jan 50.

Mar 50 - Feb 81.

# END

## DATE FILMED 5-82

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